

SHEET 1

## LTPP TRAFFIC DATA

## SUMMARY TRANSMITTAL FORM

\*STATE ASSIGNED ID [1007]

\*STATE CODE OF [04]

\*SHRP SECTION ID (4)006

STATE OR PROVINCE Arizona COUNTY Maricopa  
HIGHWAY ROUTE NO. I-10 MILEPOST# 110.65  
NEAREST CITY/TOWN BUCKEYE NEAREST INTERSECTION EXIT 109  
PAVO VERDE RD  
FUNCTIONAL CLASS 01 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4  
DIRECTION OF TRAVEL GPS LANE WB DATE OPENED TO TRAF. 01-01-76  
FIPS COUNTY CODE 013 FHWA STATION IDENTIFICATION NO. \_\_\_\_\_  
HPMS SAMPLE NO. NOT ON A HPMS SUBDIVISION NO. \_\_\_\_\_  
PANEL  
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 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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 17 1991

By WJ

NAME OF PREPARER \_\_\_\_\_

PHONE # \_\_\_\_\_

DATE PREPARED \_\_\_\_\_

<p align="center"><b>SHEET 2</b></p> <p align="center"><b>LTPP TRAFFIC DATA</b></p> <p align="center"><b>TRAFFIC VOLUMES AND LOAD ESTIMATES</b></p>	*STATE ASSIGNED ID [1007]
	*STATE CODE [04]
	*SHRP SECTION ID [4006]

T=30

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	16 000	4800	6400	1920	2264
1988	13 000	4200	5200	1680	1839
1987	13 000	4200	5200	1680	1839
1986	15 000	4500	6000	1800	2122
1985	13 000	4200	5200	1680	1839
1984	12 000	3600	4800	1440	1698
1983	12 000	3600	4800	1440	1698
1982	12 000	3600	4800	1440	1698
1981	8700	2610	3480	1044	1231
1980	8000	2400	3200	960	1132
1979	7800	2340	3120	936	1103
1978	7200	2160	2880	864	1019
1977	7600	2280	3040	912	1075
1976	7200	2160	2880	864	1019
1975	5900	1770	2360	708	835
1974	4300	1290	1720	516	608
1973	5200	1560	2080	624	736
1972	NA				
1971	NA				
1970	NA				
1969	NA				
1968	NA				
1967	NA				
1966	NA				
1965	NA				

**ENTERED**

**DEC 17 1991**

By WJ

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

## SHEET 3

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

\*STATE ASSIGNED ID [1007]

\*STATE CODE [24]

\*SHRP SECTION ID [41006]

1. Year Applicable 73-89

## 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% 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 17 1991

By WD

NAME OF PREPARER \_\_\_\_\_ PHONE # \_\_\_\_\_

DATE PREPARED \_\_\_\_\_