

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [1214]
	*STATE CODE 04 [04]
	*SHRP SECTION ID (46060)

STATE OR PROVINCE Arizona COUNTY Santa Cruz  
 HIGHWAY ROUTE NO. I-19 MILEPOST# 14.88 EXI  
 NEAREST CITY/TOWN Nogales NEAREST INTERSECTION EXIT 15 PALO PARADA RD  
 FUNCTIONAL CLASS 01 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4  
 DIRECTION OF TRAVEL GPS LANE NB DATE OPENED TO TRAF. 10-01-86 WP;  
 FIPS COUNTY CODE 023 FHWA STATION IDENTIFICATION NO. \_\_\_\_\_  
 HPMS SAMPLE NO. MO 14.08 - 16.00 longm 1.99 mi HPMS SUBDIVISION NO. NONE  
 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 Moderate to heavy single unit residential dwellings have been built Rio Rico Subdivision

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 13 1991  
 By HLN

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 [1214]
	*STATE CODE [04]
	*SHRP SECTION ID [46060]

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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	11000	880	4400	352	1556
1988	9900	800	3960	320	1401
1987	7700	620	3080	248	1089
1986	6600	530	2640	212	934
1985	6200	500	2480	200	877
1984	6100	490	2440	196	863
1983	5400	460	2280	184	806
1982	5400	430	2160	172	764
1981	5600	450	2240	180	792
1980	5200	420	2080	168	736
1979	6900	550	2760	220	976
1978	7000	560	2800	224	990
1977	6900	550	2760	220	976
1976	6600	530	2640	212	934
1975	6700	540	2680	216	948
1974	4700	380	1880	152	665
1973	5100	410	2046	164	721
1972	4800	380	1920	152	679
1971	4700	380	1880	152	665
1970	4200	340	1680	136	594
1969	4000	320	1600	128	566
1968	3700	300	1480	120	523
1967					
1966					
1965					

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DEC 13 1991

By

LLV

NAME OF PREPARER

PHONE #

DATE PREPARED



## SHEET 3

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

\*STATE ASSIGNED ID [1214]

\*STATE CODE [24]

\*SHRP SECTION ID [46060]

1. Year Applicable 1968-89

## 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 Counting 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 13 1991

By WD

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

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