

SHEET 1

LTPP TRAFFIC DATA
SUMMARY TRANSMITTAL FORM

*STATE ASSIGNED ID [1215]

*STATE CODE 04 [04]

*SHRP SECTION ID [16054]

STATE OR PROVINCE Arizona COUNTY Pima
HIGHWAY ROUTE NO. I-19 MILEPOST# 52.25
NEAREST CITY/TOWN TUCSON Green Valley NEAREST INTERSECTION PAPAGO RD EXIT 54
FUNCTIONAL CLASS 01 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4
DIRECTION OF TRAVEL GPS LANE _____ DATE OPENED TO TRAF. 05-01-85 MP
FIPS COUNTY CODE 019 FHWA STATION IDENTIFICATION NO. NONE
HPMS SAMPLE NO. MP 51.60 - 53.60 2.00 mi length R00007040301 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 _____

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 LLV

NAME OF PREPARER _____ PHONE # _____
DATE PREPARED _____

SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES	*STATE ASSIGNED ID [1215] *STATE CODE [04] *SHRP SECTION ID [46054]
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10% 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	18000	1800	7200	720	2546
1988	16000	1600	6400	640	2264
1987	13000	1300	5200	520	1839
1986	12000	1200	4800	480	1698
1985	12000	1200	4800	480	1698
1984	13000	1300	5200	520	1839
1983	12000	1200	4800	480	1698
1982	11000	1100	4400	440	1556
1981	12000	1200	4800	480	1698
1980	12000	1200	4800	480	1698
1979	12000	1200	4800	480	1698
1978	11000	1100	4400	440	1556
1977	14000	1400	5600	560	1981
1976	11000	1100	4400	440	1556
1975	10000	1000	4000	400	1415
1974	10000	1000	4000	400	1415
1973	9000	900	3600	360	1273
1972	8700	870	3480	348	1231
1971	5,900	590	2360	236	835
1970	3500	350	1400	140	495
1969	NA				
1968	NA				
1967					
1966					
1965					

ENTERED

DEC 16 1991

By LV

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

SHEET 3

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

*STATE ASSIGNED ID [1215]

*STATE CODE [04]

*SHRP SECTION ID [46054]

1. Year Applicable 1968-1989

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 HD

NAME OF PREPARER _____ PHONE # _____
 DATE PREPARED _____