

SHEET 1

LTPP TRAFFIC DATA
SUMMARY TRANSMITTAL FORM

*STATE ASSIGNED ID [1213]

*STATE CODE 04 [04]

*SHRP SECTION ID [4053]

STATE OR PROVINCE Arizona COUNTY Pima
HIGHWAY ROUTE NO. I-10 MILEPOST# 292.89
NEAREST CITY/TOWN Benson NEAREST INTERSECTION EXIT 292 BELL/EMPIRITA RD
FUNCTIONAL CLASS 01 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4
DIRECTION OF TRAVEL GPS LANE EB DATE OPENED TO TRAFFIC 10-81-81
FIPS COUNTY CODE 019 FHWA STATION IDENTIFICATION NO. NO 292.31 - 294.31 2.00 mi length
HPMS SAMPLE NO. R00607022401 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 _____

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 WJ

NAME OF PREPARER _____ PHONE # _____
DATE PREPARED _____

SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES	*STATE ASSIGNED ID [1213] *STATE CODE [64] *SHRP SECTION ID [46053]
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21 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	18 000 ¹³⁰	5 400	7 200	2 160	2 546
1988	18 000 ^{x 27}	4 860	7 200	1 944	2 546
1987	18 000 ^{x 27}	4 860	7 200	1 944	2 546
1986	18 000 ²⁷	4 860	7 200	1 944	2 546
1985	16 000 ²⁴	3 840	6 400	1 536	2 264
1984	15 000	3 600	6 000	1 440	2 122
1983	16 000	3 840	6 400	1 536	2 264
1982	16 000	3 840	6 400	1 536	2 264
1981	13 000	3 120	5 200	1 248	1 839
1980	13 000	3 120	5 200	1 248	1 839
1979	13 000	3 120	5 200	1 248	1 839
1978	13 000 ¹²	2 600	5 200	1 040	1 839
1977	12 000	2 400	4 800	960	1 698
1976	11 000	2 200	4 400	880	1 556
1975	10 000	2 000	4 000	800	1 415
1974	10 000	2 000	4 000	800	1 415
1973	11 000	2 200	4 400	880	1 556
1972	10 000	2 000	4 000	800	1 415
1971	10 000	2 000	4 000	800	1 415
1970	9 000	1 800	3 600	720	1 273
1969	8 000	1 600	3 200	640	1 132
1968	7 500	1 500	3 000	600	1 061
1967					
1966					
1965					

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DEC 16 1991

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

By LD

SHEET 3

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

*STATE ASSIGNED ID [1213]

*STATE CODE [04]

*SHRP SECTION ID [46053]

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 Retnament 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 W

NAME OF PREPARER _____

PHONE # _____

DATE PREPARED _____