

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [<u>4</u> <u>0</u> <u>2</u> <u>1</u>] *STATE CODE [<u>2</u> <u>9</u>] *SHRP SECTION ID [<u>5</u> <u>0</u> <u>9</u> <u>1</u>]
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STATE OR PROVINCE Missouri COUNTY Daviess
 HIGHWAY ROUTE NO. I-35 MILEPOST# _____
 NEAREST CITY/TOWN 16 mi. north of Cameron NEAREST INTERSECTION 1.3 mi. north of Route 69
 FUNCTIONAL CLASS 01 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4
 DIRECTION OF TRAVEL GPS LANE N DATE OPENED TO TRAF. 0 1 0 1 7 8
 FIPS COUNTY CODE 061 FHWA STATION IDENTIFICATION NO. _____
 HPMS SAMPLE NO. 031116310250 HPMS SUBDIVISION NO. 0
 TYPE OF PAVEMENT: AC _____ PCC X OTHER _____
 CONTROL OF ACCESS: YES X NO _____ MEDIAN: YES X NO _____
 CURRENT SURROUNDING DEVELOPMENT:
 URBAN _____ SUBURBAN _____ RURAL X
 HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?
 YES _____ NO X
 IF YES, DESCRIBE CHANGES _____

The Federal Highway Administration has been provided the No. 7 truck weight records.

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.

Sheets included: 1, 2, 3, 4

NAME OF PREPARER <u>Fred Trippensee</u> DATE PREPARED <u>11-90</u>	PHONE # <u>(314) 751-3980</u>
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SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES	*STATE ASSIGNED ID [4 0 2 1] *STATE CODE [2 9] *SHRP SECTION ID [5 0 9 1]
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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	10,184	2,380	4,489	1,079	887
1988	8,103	-1,799	3,694	830	687
1987	7,851	1,743	3,579	804	666
1986	8,715	1,935	4,191	886	733
1985	8,380	1,860	4,030	851	704
1984	7,200	1,911	3,423	881	715
1983	6,767	1,796	3,245	834	677
1982	6,519	1,730	3,127	804	652
1981	5,559	1,852	2,742	867	700
1980	5,390	1,795	2,658	841	680
1979	5,404	1,800	2,537	850	686
1978	5,538	1,844	2,575	863	696
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER	Fred Trippensee	PHONE #	(314) 751-3980
DATE PREPARED	11-90		

SHEET 3

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

*STATE ASSIGNED ID [4 0 2 1]

*STATE CODE [2 9]

*SHRP SECTION ID [5 0 9 1]

1. Year Applicable 1988-1978

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: Actual machine count in '78.
Growth trends on estimated years.
Count not available.

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: Commercial vehicle map truck
data for years '85, '82, '79.
Growth trends on estimated years.

4. METHOD FOR ESTIMATING AADT
BY GPS LANE

- ☒ Based on actual lane count data.
- ☐ System distribution factors.
- ☐ Other: _____

5. METHOD FOR ESTIMATING TRUCK AADT
IN GPS LANES

- ☒ Based on actual lane count data.
- ☐ System distribution factors.
- ☐ Other: _____

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☒ ESAL/Vehicle class. (no. of classes) 13
- ☐ Other: _____

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: Weight data collected at GPS
site in 1989.

(B) Weight Scale Type

- ☒ WIM scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☐ Other: _____

NAME OF PREPARER Fred TrippenseePHONE # (314) 751-3980DATE PREPARED 11-90

SHEET 3

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

*STATE ASSIGNED ID [4 0 2 1]

*STATE CODE [2 9]

*SHRP SECTION ID [5 0 9 1]

1. Year Applicable 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: _____

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☒ Based on actual lane count data.
- ☐ System distribution factors.
- ☐ Other: _____

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☒ ESAL/Vehicle class. (no. of classes) 13
- ☐ Other: _____

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: _____

(B) Weight Scale Type

- ☒ WIM scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☐ Other: _____

NAME OF PREPARER Fred TrippenseePHONE # (314) 751-3980DATE PREPARED 11-90

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [4 0 2 1] *STATE CODE [2 9] *SHRP SECTION ID [5 0 9 1]
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HIGHWAY ROUTE NO. (THIS COUNT) I-35

MILEPOST# OR LOCATION (THIS COUNT) 1.0 mile n/o Rte. 69

BEGINNING DATE 6-15-89 ENDING DATE 6-17-89

BEGINNING TIME 10:00 a.m. ENDING TIME 10:00 a.m.

COUNT DURATION 2 [] HOURS [x] DAYS [] MONTHS

TYPE OF COUNTER Streeter NAME/MODEL # 241

TYPE OF COUNT: TWO-WAY ONE DIRECTION ONLY x GPS TEST LANE ONLY

ACTUAL COUNTS	
ITEM	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>10,932</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):	
A. ADJUSTMENT TO 24-HOUR COUNT	<u>.50</u>
B. AXLE CORRECTION FACTOR	<u>.7</u>
C. DAY OF WEEK FACTOR	<u>1.027</u>
D. MONTH FACTOR	<u>.907</u>
E. OTHER FACTOR (<u>2-way</u>)	<u>2.000</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>10,184</u>
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>.50</u>
5. GPS LANE DISTRIBUTION FACTOR	<u>.8816</u>
6. AADT GPS LANE	<u>4,489</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Fred Trippensee</u>	PHONE # <u>(314) 751-3980</u>
DATE PREPARED <u>11-90</u>	