

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [<u>2 0 1 2</u>] *STATE CODE [<u>2 9</u>] *SHRP SECTION ID [<u>5 3 9 3</u>]
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STATE OR PROVINCE Missouri COUNTY St. Charles
 HIGHWAY ROUTE NO. 79 MILEPOST# _____
 NEAREST CITY/TOWN 6 mi. s/o Old Monroe NEAREST INTERSECTION 0.1 mi. n/o Route Y
 FUNCTIONAL CLASS 06 NO. LANES EACH DIRECTION 1 TOTAL NO. LANES 2
 DIRECTION OF TRAVEL GPS LANE N DATE OPENED TO TRAF. 07 - 10 - 90
 FIPS COUNTY CODE 183 FHWA STATION IDENTIFICATION NO. _____
 HPMS SAMPLE NO. 092079104343 HPMS SUBDIVISION NO. 0
 TYPE OF PAVEMENT: AC _____ PCC _____ OTHER X
 CONTROL OF ACCESS: YES _____ NO X MEDIAN: YES _____ NO X
 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 format 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, 5

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 ⁶²⁵ [7017]

*STATE CODE [29]

*SHRP SECTION ID [5393]

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	10,058	520	5029	260	55
1988	9694	392	4847	196	32
1987	9350	378	4675	189	31
1986	7953	322	3977	161	26
1985	7783	315	3892	158	26
1984	7450	337	3725	169	29
1983	7140	323	3570	162	28
1982	6852	310	3426	155	27
1981	7137	384	3568	192	30
1980	6439	346	3220	173	27
1979	6511	350	3256	175	27
1978	5828	260	2914	130	20
1977	5550	247	2775	124	19
1976	6731	300	3366	150	23
1975	6731	280	3366	140	26
1974	6407	267	3204	134	25
1973	7685	320	3843	160	30
1972	6650	499	3325	250	40
1971	5903	443	2952	222	35
1970	5731	430	2866	215	34
1969	5564	352	2782	176	31
1968	4238	268	2119	134	24
1967	4115	260	2058	130	23
1966	2590	222	1295	111	21
1965	2515	216	1258	108	20

NAME OF PREPARER Fred Trippensee PHONE # 314-751-3980

DATE PREPARED Sept 92'

SHEET 2
LTPP TRAFFIC DATA
TRAFFIC VOLUMES
AND LOAD ESTIMATES

625
*STATE ASSIGNED ID [~~7017~~]
*STATE CODE [29]
*SHRP SECTION ID [_5393]

NOT ENTERABLE

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)
1964	2442	209	1221	105	20
1963	2099	180	1050	90	17
1962	2058	176	1029	88	17
1961	2100	180	1050	90	17
1960	2040	175	1020	88	17
1959	2020	173	1010	87	16
1958	1869	160	935	80	15
1957	1928	165	964	83	16
1956	1890	162	945	81	15

NAME OF PREPARER Fred Trippensee PHONE # 314-751-3980
DATE PREPARED Sept 92'

SHEET 2
LTPP TRAFFIC DATA
TRAFFIC VOLUMES
AND LOAD ESTIMATES

*1990
Year
exceeds
Range*

DID [7 0 1 7]
[2 9]
ID [5 3 9 3]

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)
1990	10,428	562	5,214	281	59
1989					
1988					
1987					
1986					
1985					
1984					
1983					
1982					
1981					
1980					
1979					
1978					
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 [7 0 1 7]

*STATE CODE [2 9]

*SHRP SECTION ID [5 3 9 3]

1. Year Applicable 1990

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 Trippensee

PHONE # (314) 751-3980

DATE PREPARED 11-90

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [7 0 1 7] *STATE CODE [2 9] *SHRP SECTION ID [5 3 9 3]
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HIGHWAY ROUTE NO. (THIS COUNT) 79

MILEPOST# OR LOCATION (THIS COUNT) 0.4 mile n/o Rte. Y

BEGINNING DATE 7-13-89 ENDING DATE 7-15-89

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>10,937</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO ⁴⁸ 24 -HOUR COUNT	<u>.50</u>	
B. AXLE CORRECTION FACTOR	<u>--</u>	
C. DAY OF WEEK FACTOR	<u>.9827</u>	
D. MONTH FACTOR	<u>.9358</u>	
E. OTHER FACTOR (^{2-way} <u>'89 count to '90 count</u>)	<u>2.0000</u> <u>1.0368</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>10,428</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>.50</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>1.000</u>	
6. AADT GPS LANE	<u>5,214</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>	

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [7 0 1 7] *STATE CODE [2 9] *SHRP SECTION ID [5 3 9 3]
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HIGHWAY RT. NO. (THIS COUNT) _____ MILEPOST# (THIS COUNT) _____

LOCATION (THIS COUNT) _____ FUNCTIONAL CLASS _____

BEGINNING DATE _____ ENDING DATE _____

BEGINNING TIME _____ ENDING TIME _____ DURATION (HRS) _____

TYPE OF COUNT: MANUAL _____ AUTOMATED _____ NO. OF LANES COUNTED _____

TYPE OF EQUIP.: AVC PERM. _____ AVC PORT. _____ WIM PERM. _____ WIM PORT. _____

EQUIPMENT NAME / MODEL # _____

TOTAL NO. OF VEHICLES CLASSIFIED _____ # TRUCKS _____ % TRUCKS _____

NO. OF TRUCKS IN GPS LANE _____ % OF TRUCKS IN GPS LANE _____

VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER _____ # BINS _____

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	_____	_____	_____
2. FHWA CLASS 4 (Buses)	_____	_____	_____
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	_____	_____	_____
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	_____	_____	_____
5. FHWA CLASS 7 (4 or more Axle SU Truck)	_____	_____	_____
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	_____	_____	_____
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	_____	_____	_____
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	_____	_____	_____
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	_____	_____	_____
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	_____	_____	_____
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	_____	_____	_____
12. OTHER VEHICLES	_____	_____	_____
GRAND TOTAL	_____	_____	_____

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

SHEET 15 LTPP TRAFFIC DATA LOG OF CHANGE AT LTPP TEST LOCATIONS WITH PERM. AVC OR WIM	*STATE ASSIGNED ID	[0625] NB
	*STATE CODE	[29]
	*SHRP SECTION ID	[5393]

LOCATION MO 79 TYPE EQUIP. Peck
 MP# 3.94 MODEL # ADR 3000

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
		Equipment Failure	Field Acquisition Crew		
		No Class or Volume			
		for following dates.			
		3/14, 3/19 thru 7/27,			
		11/22 thru 11/27, 12/23			
		thru 12/28			

revised November 11, 1999

SHEET 15 LTPP TRAFFIC DATA LOG OF CHANGE AT LTPP TEST LOCATIONS WITH PERM. AVC OR WIM	*STATE ASSIGNED ID	[0625]
	*STATE CODE	[29]
	*SHRP SECTION ID	[5393]

LOCATION MO 79 TYPE EQUIP. Peek ADR 3000
 MP# _____ MODEL # ADR 3000

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
1/13		No Class / Equipment Problems	Field Acquisition Crew		
3/5-9, 12					
3/15-17					
3/19-25					
4/1-6					
5/28-31					
6/1-10					
8/23-27, 30-31					

revised November 11, 1999

<p align="center">SHEET 15 LTPP TRAFFIC DATA</p> <p align="center">LOG OF CHANGE AT LTPP TEST LOCATIONS WITH PERM. AVC OR WIM</p>	*STATE ASSIGNED ID	[0025] nb
	*STATE CODE	[29]
	*SHRP SECTION ID	[5393]

LOCATION mo 79 0.3 miles n 10 Rt. 4 TYPE EQUIP. Peek
 MP# 3-94 MODEL # ADR 3000

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
1/31	all day	no class/wim, equipment	Field Acquisition		
3/2/11	↓	problems	crew		
9/24/05	↓	↓	↓		

SHEET 15 LTPP TRAFFIC DATA LOG OF CHANGE AT LTPP TEST LOCATIONS WITH PERM. AVC OR WIM	*STATE ASSIGNED ID	[C 6 2 5] nb
	*STATE CODE	[29]
	*SHRP SECTION ID	[S 3 9 3]

LOCATION MD 79 0-3 miles n/w Rt. 4 TYPE EQUIP. Peek
 MP# 3.94 MODEL # ADP 3000

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
4/2	all day	no class/wim, equipment problems	Field Acquisition crew		
7/24-31	↓	↓	↓		
8/1-9	↓	↓	↓		
10/17-19	↓	↓	↓		

revised November 11, 1999

SHEET 15 LTPP TRAFFIC DATA LOG OF CHANGE AT LTPP TEST LOCATIONS WITH PERM. AVC OR WIM	*STATE ASSIGNED ID	[0 6 2 5]
	*STATE CODE	[2 9]
	*SHRP SECTION ID	[5 3 9 3]

LOCATION MO 79 TYPE EQUIP. PEEK
 MP# 3.94 MODEL # ADR 3000

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
		EQUIPMENT FAILURE	FIELD ACQ CREW		
		NO VOLUME OR CLASS:			
		1/25, 2/1 - 2/11, 3/1 - 3/6			
		3/13 - 3/26, 11/2			

revised November 11, 1999

SHEET 15 LTPP TRAFFIC DATA LOG OF CHANGE AT LTPP TEST LOCATIONS WITH PERM. AVC OR WIM	**STATE ASSIGNED ID	[0625]
	*STATE CODE	[29]
	*SHRP SECTION ID	[5393]

LOCATION MO 79 TYPE EQUIP. PEEK
 MP# 3.94 MODEL # ADR 3000

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
		<i>No volume and class:</i>			
		<i>2/13, 5/1, 8/21 to 8/27, 12/2 to 12/10</i>			

revised November 11, 1999