

<b>SHEET 1</b> <b>LTPP TRAFFIC DATA</b> <b>SUMMARY TRANSMITTAL FORM</b>	*STATE ASSIGNED ID <u>5501</u>
	*STATE CODE <u>40</u>
	*SHRP SECTION ID <u>12024</u>

GPS 7A

STATE OR PROVINCE OK COUNTY Oklahoma  
 HIGHWAY ROUTE NO. I-35 MILEPOST# 35-55-09 / 12.04  
 NEAREST CITY/TOWN Edmond NEAREST INTERSECTION I-35/US77  
 FUNCTIONAL CLASS 01 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4  
 DIRECTION OF TRAVEL GPS LANE NB DATE OPENED TO TRAF. 06-01-85  
 FIPS COUNTY CODE \_\_\_\_\_ FHWA STATION IDENTIFICATION NO. \_\_\_\_\_  
 HPMS SAMPLE NO. \_\_\_\_\_ HPMS SUBDIVISION NO. \_\_\_\_\_  
 TYPE OF PAVEMENT: AC ☒ PCC \_\_\_\_\_ OTHER ☒ 10/13/2004  
 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.

NAME OF PREPARER <u>DJ Kenneth Beard</u>	PHONE # <u>405 521-2575</u>
DATE PREPARED <u>Oct 1991</u>	

Interview 10/13/2004

<b>SHEET 2</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUMES</b> <b>AND LOAD ESTIMATES</b>	*STATE ASSIGNED ID [5501]
	*STATE CODE [ ]
	*SHRP SECTION ID [7024]

(Nearest) #31 in Logan County

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	21200	2800 *	8000 *	1200 *	913 *
*1988	20600	2721	7774	1166	887
1987	20000	2642	7547	1132	861
*1986	20000	2642	7547	1132	861
1985	20000	2642	7547	1132	861
*1984	18500	2443	6981	1047	797
1983	17600	2325	6642	996	758
*1982	17300	2285	6528	979	745
1981	17000	2245	6415	962	732
*1980	16800	2219	6340	951	724
1979	16600	2192	6264	940	715
*1978	16000	2113	6038	906	689
1977	15500	2047	5809	877	668
1976	15000	1981	5660	849	646
1975	15100	1994	5698	855	650
1974	15400	2034	5811	872	663
1973	15900	2100	6000	900	685
1972	15900	2100	6000	900	685
1971	14800	1955	5585	838	637
1970	15800	2087	5962	894	680
1969	11700	1545	4415	662	504
1968	11700	1545	4415	662	504
1967	11000	1453	4151	623	474
1966	9700	1281	3660	549	418
1965	8100	1070	3057	458	349

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

## SHEET 3

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

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [ \_ \_ ]

\*SHRP SECTION ID [ \_ \_ \_ \_ ]

1. Year Applicable 189

## 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) 6  
☐ Other: \_\_\_\_\_

6800  
320  
880

## 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: LEGAL LIMITS

## (B) Weight Scale Type

- ☐ WIM scale.  
☐ Static scale used for enforcement.  
☐ Static scale not used for enforcement.  
☐ Other: \_\_\_\_\_

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

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

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

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [ 40 ]

\*SHRP SECTION ID [ 7024 ]

1. Year (s) Applicable 65-88

## 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: Backcalc

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

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

## 5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

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

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_
- ☒ Other: Backcalc

## 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: Backcalc

## (B) Weight Scale Type

- ☐ WIM scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☒ Other: none

NAME OF PREPARER MPF

PHONE # \_\_\_\_\_

DATE PREPARED 4/19/92

## SHEET 5

## LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA  
FHWA 13-CLASS SYSTEM

\*STATE ASSIGNED ID [5501]

\*STATE CODE [40]

\*SHRP SECTION ID [1024]

HIGHWAY RT. NO. (THIS COUNT) I-35MILEPOST# (THIS COUNT) 12.09LOCATION (THIS COUNT) GPS SITEFUNCTIONAL CLASS 01BEGINNING DATE 6-3-91 2pm-10pmENDING DATE 6-4-91 6am-2pmBEGINNING TIME 6 AMENDING TIME 10 PMDURATION (HRS) 16TYPE OF COUNT: MANUAL ☒AUTOMATED ☐NO. OF LANES COUNTED 4TYPE OF EQUIP.: AVC PERM. ☐AVC PORT. ☐WIM PERM. ☐WIM PORT. ☐EQUIPMENT NAME / MODEL # VISUALTOTAL NO. OF VEHICLES CLASSIFIED 23198 # TRUCKS 2907 % TRUCKS 12.5%NO. OF TRUCKS IN GPS LANE 1209 % OF TRUCKS IN GPS LANE 15.4% 41.6VEHICLE 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

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)	<u>20291</u>	<u>9991</u>	<u>6645</u>
2. FHWA CLASS 4 (Buses)	<u>20</u>	<u>11</u>	<u>10</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>673</u>	<u>354</u>	<u>295</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>90</u>	<u>57</u>	<u>48</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>0</u>	<u>0</u>	<u>0</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>56</u>	<u>43</u>	<u>36</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>1989</u>	<u>935</u>	<u>757</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>30</u>	<u>30</u>	<u>26</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>43</u>	<u>23</u>	<u>23</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>6</u>	<u>6</u>	<u>5</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>0</u>	<u>0</u>	<u>0</u>
12. OTHER VEHICLES	<u>0</u>	<u>0</u>	<u>0</u>
GRAND TOTAL	<u>23198</u>	<u>11450</u>	<u>7845</u>

NAME OF PREPARER \_\_\_\_\_

PHONE # \_\_\_\_\_

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