

404155 (404158) RECEIVED MAR 19 1992

Co-located

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [1423] 7402 SB
	*STATE CODE [42]
	*SHRP SECTION ID [4155] 4158

404155 GPS9

404158 GPS 5 SB 8-25-95

STATE OR PROVINCE OKLAHOMA COUNTY WASHINGTON

HIGHWAY ROUTE NO. US 75 MILEPOST# 75-74-21 / 13.8 <sup>ES</sup>

NEAREST CITY/TOWN BARTLESVILLE NEAREST INTERSECTION EW 27 & 1575 <sup>COUNTY RD.</sup>

FUNCTIONAL CLASS 02 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4

DIRECTION OF TRAVEL GPS LANE NB <sup>ESB - 4158</sup> DATE OPENED TO TRAF. 03-06-86 <sup>40 (4158)</sup>

FIPS COUNTY CODE \_\_\_\_\_ FHWA STATION IDENTIFICATION NO. \_\_\_\_\_

HPMS SAMPLE NO. \_\_\_\_\_ HPMS SUBDIVISION NO. \_\_\_\_\_

TYPE OF PAVEMENT: AC \_\_\_\_\_ PCC ☒ OTHER ☒ CRCP

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>D)</u>	PHONE # _____
DATE PREPARED <u>7-23-90 - COPY GIVEN TO B</u>	

<b>SHEET 2</b>  <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUMES AND LOAD ESTIMATES</b>	*STATE ASSIGNED ID [7403] & 7402  *STATE CODE [40]  *SHRP SECTION ID [4155] & 4158
---	--

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	8400	1204 *	4200 *	602 *	553 *
1988	8200 *	870 *	4100 *	418 *	465 *
1987	8000	1039 *	4000 *	535 *	516 *
1986	7650 *	758 *	3825 *	390 *	405 *
1985	7300	765 *	3650 *	404 *	400 *
1984	7200 *	760 *	3600 *	392 *	383 *
1983	7100	749 *	3550 *	388 *	402 *
1982	6850 *	781 *	3425 *	396 *	432 *
1981	6600	729 *	3300 *	376 *	379 *
1980	6350 *	790 *	3175 *	406 *	403 *
1979	6100	759	3050	390	387
1978	5900	734	2950	377	374
1977	5900	734	2950	377	374
1976	5700	709	2850	364	362
1975	5200	647	2600	332	330
1974	4200	523	2100	269	267
1973	4600	572	2300	294	292
1972	4500	560	2250	288	286
1971	4200	523	2100	269	267
1970	4000	498	2000	256	254
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER <u>D/</u>	PHONE # _____
DATE PREPARED _____	

## SHEET 3

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

\*STATE ASSIGNED ID [7403] &amp; 7402

\*STATE CODE [40]

\*SHRP SECTION ID [4155] &amp; 4158

1. Year Applicable 70-79

## 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: USED TRUCKS FROM CLASS.  
STATION # 127 (17.5 MILES SOUTH)

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.  
☐ System distribution factors.  
☒ Other: 50 % OF AADT

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

- ☐ Based on actual lane count data.  
☐ System distribution factors.  
☒ Other: 50 % OF TRUCK AADT

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.  
☒ ESAL/Vehicle class. (no. of classes) 6  
☐ Other: USED LEGAL LOAD LIMITS FOR AXLE WT.

## 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: Pt = 2.5 LEGAL LOAD LIMITS

## (B) Weight Scale Type

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

NAME OF PREPARER DJ

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 41581. Year (s) Applicable 170-179

## 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 from '80 data

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: Backcalc from '80 data

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

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: Backcalc from '80 data

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes)
- ☒ Other: Backcalc from '80 data

## 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 from '80 data

## (B) Weight Scale Type

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

NAME OF PREPARER MPA

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

DATE PREPARED 4/9/92

~~OK-DOT CLASSIFICATION FIELD REPORT FILED WITH 404158~~

RECEIVED OCT 24 1990

<b>SHEET 5</b> <b>LTPP TRAFFIC DATA</b> <b>VEHICLE CLASSIFICATION DATA</b> <b>FHWA 13-CLASS SYSTEM</b>	*STATE ASSIGNED ID [ _____ ] *STATE CODE [ <u>40</u> ] *SHRP SECTION ID [ <u>4158</u> ]
---	---

HIGHWAY RT. NO. (THIS COUNT) US-75 MILEPOST# (THIS COUNT) \_\_\_\_\_

LOCATION (THIS COUNT) South of Bartlesville FUNCTIONAL CLASS \_\_\_\_\_

BEGINNING DATE 8/2/90 ENDING DATE 8/2/90

BEGINNING TIME 6:00 am ENDING TIME 2:00 pm DURATION (HRS) 8

TYPE OF COUNT: MANUAL ☒ AUTOMATED \_\_\_\_\_ NO. OF LANES COUNTED 2

TYPE OF EQUIP.: AVC PERM. \_\_\_\_\_ AVC PORT. \_\_\_\_\_ WIM PERM. \_\_\_\_\_ WIM PORT. \_\_\_\_\_

EQUIPMENT NAME / MODEL # N/A

TOTAL NO. OF VEHICLES CLASSIFIED 2022 # TRUCKS 232 % TRUCKS 11

NO. OF TRUCKS IN GPS LANE 209 % OF TRUCKS IN GPS LANE 90

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)	<u>4</u>	<u>1790</u>	<u>1428</u>
2. FHWA CLASS 4 (Buses)	<u>4</u>	<u>6</u>	<u>6</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>4</u>	<u>60</u>	<u>56</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>4</u>	<u>2</u>	<u>0</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>4</u>	<u>0</u>	<u>0</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>4</u>	<u>21</u>	<u>19</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>4</u>	<u>143</u>	<u>128</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>4</u>	<u>0</u>	<u>0</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>4</u>	<u>0</u>	<u>0</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>4</u>	<u>0</u>	<u>0</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>4</u>	<u>0</u>	<u>0</u>
12. OTHER VEHICLES	<u>4</u>	<u>0</u>	<u>0</u>
<b>GRAND TOTAL</b>	<u>4</u>	<u>2022</u>	<u>1637</u>

NAME OF PREPARER \_\_\_\_\_ PHONE # \_\_\_\_\_  
 DATE PREPARED \_\_\_\_\_

<b>SHEET 5</b> <b>LTPP TRAFFIC DATA</b> <b>VEHICLE CLASSIFICATION DATA</b> <b>FHWA 13-CLASS SYSTEM</b>	*STATE ASSIGNED ID [ _____ ] *STATE CODE [ <u>40</u> ] *SHRP SECTION ID [ <u>4158</u> ]
---	---

HIGHWAY RT. NO. (THIS COUNT) US-75 MILEPOST# (THIS COUNT) \_\_\_\_\_

LOCATION (THIS COUNT) South of Bartlesville FUNCTIONAL CLASS \_\_\_\_\_  
 BEGINNING DATE 8/1/90 ENDING DATE 8/1/90  
 BEGINNING TIME 2:00 PM ENDING TIME 10:00 PM DURATION (HRS) 8

TYPE OF COUNT: MANUAL ☒ AUTOMATED \_\_\_\_\_ NO. OF LANES COUNTED 2

TYPE OF EQUIP.: AVC PERM. \_\_\_\_\_ AVC PORT. \_\_\_\_\_ WIM PERM. \_\_\_\_\_ WIM PORT. \_\_\_\_\_

EQUIPMENT NAME / MODEL # N/A

TOTAL NO. OF VEHICLES CLASSIFIED 2282 # TRUCKS 216 % TRUCKS 9

NO. OF TRUCKS IN GPS LANE 183 % OF TRUCKS IN GPS LANE 85

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)	<u>4</u>	<u>2066</u>	<u>1576</u>
2. FHWA CLASS 4 (Buses)	<u>4</u>	<u>2</u>	<u>2</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>4</u>	<u>51</u>	<u>40</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>4</u>	<u>2</u>	<u>2</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>4</u>	<u>0</u>	<u>0</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>4</u>	<u>29</u>	<u>22</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>4</u>	<u>131</u>	<u>116</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>4</u>	<u>1</u>	<u>1</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>4</u>	<u>0</u>	<u>0</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>4</u>	<u>0</u>	<u>0</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>4</u>	<u>0</u>	<u>0</u>
12. OTHER VEHICLES	<u>4</u>	<u>0</u>	<u>0</u>
<b>GRAND TOTAL</b>	<u>4</u>	<u>2282</u>	<u>1759</u>

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

<b>SHEET 5</b> <b>LTPP TRAFFIC DATA</b> <b>VEHICLE CLASSIFICATION DATA</b> <b>FHWA 13-CLASS SYSTEM</b>	*STATE ASSIGNED ID [ _____ ] *STATE CODE [ <u>40</u> ] *SHRP SECTION ID [ <u>4158</u> ]
---	---

HIGHWAY RT. NO. (THIS COUNT) 45-75 MILEPOST# (THIS COUNT) \_\_\_\_\_

LOCATION (THIS COUNT) South of Bartlesville FUNCTIONAL CLASS \_\_\_\_\_

BEGINNING DATE 7/31/90 ENDING DATE 8/1/90

BEGINNING TIME 10:00 pm ENDING TIME 6:00 am DURATION (HRS) 8

TYPE OF COUNT: MANUAL ☒ AUTOMATED \_\_\_\_\_ NO. OF LANES COUNTED 2

TYPE OF EQUIP.: AVC PERM. \_\_\_\_\_ AVC PORT. \_\_\_\_\_ WIM PERM. \_\_\_\_\_ WIM PORT. \_\_\_\_\_

EQUIPMENT NAME / MODEL # N/A

TOTAL NO. OF VEHICLES CLASSIFIED 401 # TRUCKS 79 % TRUCKS 20

NO. OF TRUCKS IN GPS LANE 76 % OF TRUCKS IN GPS LANE 96

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)	<u>4</u>	<u>320</u>	<u>250</u>
2. FHWA CLASS 4 (Buses)	<u>4</u>	<u>1</u>	<u>1</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>4</u>	<u>9</u>	<u>7</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>4</u>	<u>0</u>	<u>0</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>4</u>	<u>0</u>	<u>0</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>4</u>	<u>3</u>	<u>3</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>4</u>	<u>67</u>	<u>64</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>4</u>	<u>0</u>	<u>0</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>4</u>	<u>1</u>	<u>1</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>4</u>	<u>0</u>	<u>0</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>4</u>	<u>0</u>	<u>0</u>
12. OTHER VEHICLES	<u>4</u>	<u>0</u>	<u>0</u>
<b>GRAND TOTAL</b>	<u>4</u>	<u>401</u>	<u>326</u>

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

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