

RECEIVED NOV 07 1991

<p align="center">SHEET 1</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">SUMMARY TRANSMITTAL FORM</p>	<p>*STATE ASSIGNED ID [4701]</p>
	<p>*STATE CODE [42]</p>
	<p>*SHRP SECTION ID [4164]</p>

GPS 2 SB
p-25-95

STATE OR PROVINCE OK COUNTY Major

HIGHWAY ROUTE NO. US 60 MILEPOST# 60-47-04 / 4.55

NEAREST CITY/TOWN Fairview NEAREST INTERSECTION US 60 / SH 15

FUNCTIONAL CLASS 86 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 2

DIRECTION OF TRAVEL GPS LANE SB DATE OPENED TO TRAF. 05- -78

FIPS COUNTY CODE FHWA STATION IDENTIFICATION NO.

HPMS SAMPLE NO. HPMS SUBDIVISION NO.

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.

NAME OF PREPARER <u>(D) Kenneth Beard</u>	PHONE # <u>405 521 2575</u>
DATE PREPARED <u>Oct 1991</u>	

SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES	*STATE ASSIGNED ID [_ _ _ _] *STATE CODE [<u>40</u>] *SHRP SECTION ID [<u>4164</u>]
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Used #13

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	2600	400	1300	200	153
1988	2600	400	1300	200	153
1987	2700	415	1350	208	159
1986	2600	400	1300	200	153
1985	2600	400	1300	200	153
1984	2400	369	1200	185	141
1983	2200	338	1100	169	129
1982	2100	323	1050	162	124
1981	2100	323	1050	162	124
1980	2000	308	1000	154	118
1979	1900	292	950	146	112
1978	1800	277	900	138	106
1977	1800	277	900	138	106
1976	1800	277	900	138	106
1975	1800	277	900	138	106
1974	1800	277	900	138	106
1973	1800	277	900	138	106
1972	1500	231	750	115	88
1971	1300	200	650	100	76
1970	1500	231	750	115	88
1969	1300	200	650	100	76
1968	1400	215	700	108	82
1967					
1966					
1965					

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 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: _____

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: _____

1100
50
150

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 _____

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 [4164]

1. Year (s) Applicable 88-89

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: Backcalc from 89 data

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: Backcalc from 89 data

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
- ☐ System distribution factors?
- ☒ Other: Backcalc from 89 data

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes)
- ☒ Other: Backcalc from 89 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 89 data

(B) Weight Scale Type

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

NAME OF PREPARER MM

PHONE # _____

DATE PREPARED 4/9/92

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [<u>4701</u>] *STATE CODE [<u> </u>] *SHRP SECTION ID [<u>4169</u>]
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HIGHWAY RT. NO. (THIS COUNT) 4560 MILEPOST# (THIS COUNT)

LOCATION (THIS COUNT) FUNCTIONAL CLASS

BEGINNING DATE 7-30-90 10p-6a ENDING DATE 8-9-90 6A-2P

BEGINNING TIME 10 PM ENDING TIME 10 PM DURATION (HRS) 24 hr.

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

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

EQUIPMENT NAME / MODEL # VISUAL

TOTAL NO. OF VEHICLES CLASSIFIED 2096 # TRUCKS 337 % TRUCKS 16.1%

NO. OF TRUCKS IN GPS LANE 152 % OF TRUCKS IN GPS LANE 45.1%

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>1775</u>	<u>860</u>	<u>860</u>
2. FHWA CLASS 4 (Buses)	<u>1</u>	<u>0</u>	<u>0</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>64</u>	<u>34</u>	<u>34</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>2</u>	<u>2</u>	<u>2</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>1</u>	<u>1</u>	<u>1</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>269</u>	<u>114</u>	<u>114</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>1</u>	<u>1</u>	<u>1</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>0</u>	<u>0</u>	<u>0</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>0</u>	<u>0</u>	<u>0</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>2696</u>	<u>1012</u>	<u>1012</u>

NAME OF PREPARER DJ PHONE #
 DATE PREPARED 10-31-91

<p>SHEET 5</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>FHWA 13-CLASS SYSTEM</p>	<p>*STATE ASSIGNED ID [_____]</p> <p>*STATE CODE [<u>40</u>]</p> <p>*SHRP SECTION ID [<u>4164</u>]</p>
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HIGHWAY RT. NO. (THIS COUNT) US-60 MILEPOST# (THIS COUNT) _____

LOCATION (THIS COUNT) North of Fairview FUNCTIONAL CLASS _____

BEGINNING DATE 8/9/90 ENDING DATE 8/9/90

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 940 * TRUCKS 201 % TRUCKS 21.4

NO. OF TRUCKS IN GPS LANE 87 % OF TRUCKS IN GPS LANE 43

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>739</u>	<u>349</u>	<u>349</u>
2. FHWA CLASS 4 (Buses)	<u>0</u>	<u>0</u>	<u>0</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>12</u>	<u>8</u>	<u>8</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>0</u>	<u>0</u>	<u>0</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>0</u>	<u>0</u>	<u>0</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>189</u>	<u>79</u>	<u>79</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>0</u>	<u>0</u>	<u>0</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>0</u>	<u>0</u>	<u>0</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>0</u>	<u>0</u>	<u>0</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>940</u>	<u>436</u>	<u>436</u>

NAME OF PREPARER _____ PHONE # _____

DATE PREPARED _____

SHEET 5

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID []

*STATE CODE [40]

*SHRP SECTION ID [4164]

HIGHWAY RT. NO. (THIS COUNT) 45-60

MILEPOST# (THIS COUNT)

LOCATION (THIS COUNT) North of Fairview

FUNCTIONAL CLASS

BEGINNING DATE 8/15/90

ENDING DATE 8/15/90

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 1019

TRUCKS 110

% TRUCKS 11

NO. OF TRUCKS IN GPS LANE 59

% OF TRUCKS IN GPS LANE 54

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)	908	435	435
2. FHWA CLASS 4 (Buses)	1	0	0
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	45	25	25
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	0	0	0
5. FHWA CLASS 7 (4 or more Axle SU Truck)	0	0	0
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	1	1	1
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	63	32	32
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	1	1	1
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	0	0	0
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	0	0	0
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	0	0	0
12. OTHER VEHICLES	0	0	0
GRAND TOTAL	1019	494	494

NAME OF PREPARER

PHONE #

DATE PREPARED

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [_____] *STATE CODE [<u>40</u>] *SHRP SECTION ID [<u>4164</u>]
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HIGHWAY RT. NO. (THIS COUNT) 45-60 MILEPOST# (THIS COUNT) _____

LOCATION (THIS COUNT) North of Fairview FUNCTIONAL CLASS _____

BEGINNING DATE 7/30/90 ENDING DATE 7/31/90

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 154 # TRUCKS 26 % TRUCKS 17

NO. OF TRUCKS IN GPS LANE 6 % OF TRUCKS IN GPS LANE 23

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>128</u>	<u>76</u>	<u>76</u>
2. FHWA CLASS 4 (Buses)	<u>0</u>	<u>0</u>	<u>0</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>1</u>	<u>1</u>	<u>1</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>2</u>	<u>2</u>	<u>2</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>0</u>	<u>0</u>	<u>0</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>17</u>	<u>3</u>	<u>3</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>0</u>	<u>0</u>	<u>0</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>0</u>	<u>0</u>	<u>0</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>0</u>	<u>0</u>	<u>0</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>154</u>	<u>82</u>	<u>82</u>

NAME OF PREPARER _____ PHONE # _____
 DATE PREPARED _____