

<p align="center">SHEET 1</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">SUMMARY TRANSMITTAL FORM</p>	<p>*STATE ASSIGNED ID [2601]</p> <p>*STATE CODE [40]</p> <p>*SHRP SECTION ID [4086]</p>
---	---

GPS 2

STATE OR PROVINCE OKLAHOMA COUNTY GRADY

HIGHWAY ROUTE NO. US 81 MILEPOST# 81-26-12 / ^{SS}1.1

NEAREST CITY/TOWN CHICKASHA NEAREST INTERSECTION US 62 / US 81

FUNCTIONAL CLASS NO LANES EACH DIRECTION 1 TOTAL NO. LANES 2

DIRECTION OF TRAVEL GPS LANE SB DATE OPENED TO TRAF. 01 01 70 -89 *overlapped*

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 FRINGE URBAN AREA

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> DATE PREPARED <u>7-23-90</u>	PHONE # <u>(405) 521-2575</u>
--	-------------------------------

SHEET 2

LTPP TRAFFIC DATA

TRAFFIC VOLUMES
AND LOAD ESTIMATES

*STATE ASSIGNED ID [2601]

*STATE CODE [40]

*SHRP SECTION ID [4086]

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	4300	595	2150	300	200
1988	4400*	609*	2200*	305*	202*
1987	4500	618*	2250*	309*	206*
1986	4500*	597*	2250*	299*	198*
1985	4500	671*	2250*	336*	216*
1984	4750	713*	2375*	357*	241*
1983	5000	754*	2500*	377*	265*
1982	4800*	1007*	2400*	504*	349*
1981	4600	959	2288*	480*	334*
1980	4350*	911*	2175*	456*	318*
1979	4100	859	2050	430	300
1978	3900*	817	1950	409	285
1977	3700	775	1850	388	270
1976	3100	649	1550	325	225
1975	3300	691	1650	346	241
1974	3000	628	1500	314	219
1973	3100	649	1550	325	225
1972	3200	670	1600	335	234
1971	3400	712	1700	356	250
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER

Kenneth Beard
DARUL JOHNSON

PHONE # 405 521-2575

DATE PREPARED

7-23-90

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

*STATE ASSIGNED ID [2601]

*STATE CODE []

*SHRP SECTION ID []

1. Year Applicable _____

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: ATR Station - 14 miles north
18 Grady Co. Count

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 ATR # 33
18 Grady Co. Count

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: _____

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 LIMITS AT P_c = 2.5

(B) Weight Scale Type

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

NAME OF PREPARER

D. Kenneth BeardPHONE # 405-521-2575

DATE PREPARED

7/23/90

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

*STATE ASSIGNED ID [_ _ _ _]

*STATE CODE [40]

*SHRP SECTION ID [4086]

1. Year (s) Applicable '71-79

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: Back calc from '80 data

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: Back calc from '80 data

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

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

6. METHOD FOR ESTIMATING ESAL/VEHICLE

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

PHONE # _____

DATE PREPARED 4/9/92

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [2601] *STATE CODE [40] *SHRP SECTION ID [4086]
--	--

HIGHWAY ROUTE NO. (THIS COUNT) US 81
 MILEPOST# OR LOCATION (THIS COUNT) 81-26-12/SS1.1
 BEGINNING DATE See Attachment ENDING DATE _____
 BEGINNING TIME See Attachment ENDING TIME _____
 COUNT DURATION 24 [✓] HOURS [] DAYS [] MONTHS
 TYPE OF COUNTER Junior Accumulative NAME/MODEL # K-Hill
 TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY _____ GPS TEST LANE ONLY _____

ACTUAL COUNTS	
ITEM	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	-----
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):	
A. ADJUSTMENT TO 24-HOUR COUNT	-----
B. AXLE CORRECTION FACTOR	-----
C. DAY OF WEEK FACTOR	-----
D. MONTH FACTOR	-----
E. OTHER FACTOR (_____)	-----
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	-----
4. DIRECTIONAL DISTRIBUTION FACTOR	-----
5. GPS LANE DISTRIBUTION FACTOR	-----
6. AADT GPS LANE	-----

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Kenneth Beard</u>	PHONE # <u>405-755-3080</u>
DATE PREPARED <u>7-23-90</u>	

RECEIVED NOV 07 1991

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID <u>2681</u> 133011
	*STATE CODE <u>49</u>
	*SHRP SECTION ID <u>14086</u>

GPS 2 SB
8-25-95

STATE OR PROVINCE OK COUNTY Grady

HIGHWAY ROUTE NO. 4581 MILEPOST# 81-26-12 / 1.1

NEAREST CITY/TOWN Chickasha NEAREST INTERSECTION 4581/4562

FUNCTIONAL CLASS 06 NO. LANES EACH DIRECTION 1 TOTAL NO. LANES 2

DIRECTION OF TRAVEL GPS LANE SB DATE OPENED TO TRAF. 01-01-70

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>(DJ) 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 [40] *SHRP SECTION ID [4086]
---	---

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	4300	366	1612	274	195
*1988	4400	375	1650	280	200
1987	4500	383	1687	287	204
*1986	4500	383	1687	287	204
1985	4500	383	1687	287	204
*1984	4800	408	1800	306	218
1983	5000	425	1875	318	227
*1982	4800	408	1800	306	218
1981	4600	392	1725	293	209
*1980	4400	375	1650	280	200
1979	4100	349	1537	261	186
*1978	3900	332	1462	249	18 177
1977	3700	315	1387	236	168
1976	3100	264	1162	198	141
1975	3300	281	1237	210	150
1974	3000	255	1125	191	136
1973	3100	264	1162	198	141
1972	3200	272	1200	204	145
1971	3400	290	1275	217	154
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER <u>DJ</u>	PHONE # _____
DATE PREPARED <u>10-31-91</u>	

SHEET 3

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

*STATE ASSIGNED ID [3 3 0 1]

*STATE CODE [_ _]

*SHRP SECTION ID [4 0 8 6]

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: 75% OF GPS DIRECTION

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
☐ System distribution factors.
☐ Other: 75% OF GPS DIR.

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
☒ ESAL/Vehicle class. (no. of classes) 6
☐ Other: _____

1338
100
174

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: MAX LEGAL WEIGHT

(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 [4086]

1. Year (s) Applicable '71-88

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: 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

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

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

4. METHOD FOR ESTIMATING AADT BY GPS LANE

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

NAME OF PREPARER MPH

PHONE # _____

DATE PREPARED 4/9/92

VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM

*SHRP SECTION ID [4086]

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.

<u>VEHICLE CLASSES</u>	<u>TOTAL NUMBER OF VEHICLES TWO-WAY</u>	<u>TOTAL NUMBER OF VEHICLES GPS DIRECTION</u>	<u>TOTAL NUMBER OF VEHICLES GPS LANE</u>
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	2668	1410	1410
2. FHWA CLASS 4 (Buses)	9	5	5
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	178	92	92
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	27	17	17
5. FHWA CLASS 7 (4 or more Axle SU Truck)	2	1	1
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	28	11	11
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	291	155	155
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	12	5	5
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	3214	1696	1696

DATE PREPARED _____