

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [1205]
	*STATE CODE [47]
	*SHRP SECTION ID [1025]

58
8-28-95

STATE OR PROVINCE TENNESSEE COUNTY CANNON
HIGHWAY ROUTE NO. SR-96 MILEPOST# N/A
NEAREST CITY/TOWN AUBURN TOWN NEAREST INTERSECTION SR-145
FUNCTIONAL CLASS 02 NO. LANES EACH DIRECTION 1 TOTAL NO. LANES 2
DIRECTION OF TRAVEL GPS LANE EAST DATE OPENED TO TRAF. 01-15-80
FIPS COUNTY CODE 015 FHWA STATION IDENTIFICATION NO. _____
HPMS SAMPLE NO. 0801S0960051 HPMS SUBDIVISION NO. 0
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 _____

From
Inventory
Data

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>CHARLES N. KING</u>	PHONE # <u>(615) 741-0957</u>
DATE PREPARED <u>7-22-91</u>	

SHEET 2

LTPP TRAFFIC DATA

TRAFFIC VOLUMES
AND LOAD ESTIMATES

*STATE ASSIGNED ID [_ _ _ _]

*STATE CODE [47]

*SHRP SECTION ID [9025]

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	2250	148	1125	74	33 34
1988	2270	149	1135	75	34 34
1987	2140	141	1070	70	33 32
1986	1980	130	990	65	32 30
1985	1670	110	835	55	28 25
1984	1340	88	670	44	28 20
1983	1030	68	515	34	28 16
1982	1140	75	570	38	28 17
1981	940	62	470	31	23 14
1980	950	63	475	31	24 14
1979	950	63	475	31	24 14
1978	1000	66	500	33	28 15
1977	770	51	385	25	19 12
1976	570	38	285	19	14 9
1975	630	41	315	21	18 10
1974	680	45	340	22	19 10
1973	690	45	345	23	19 10
1972	630	41	315	21	18 10
1971	360	24	180	12	8 5
1970	440	29	220	14	8 7
1969	670	44	335	22	19 10
1968	450	30	225	15	14 7
1967	470	31	235	15	14 7
1966	450	30	225	15	14 7
1965	580	38	290	19	14 9

NAME OF PREPARER CHARLES N. KING PHONE # (615) 741-0957DATE PREPARED 7-22-91

SHEET 3

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

*STATE ASSIGNED ID [_ _ _ _]

*STATE CODE [47]

*SHRP SECTION ID [9025]

1. Year Applicable ALL

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: _____

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: ESTIMATED FROM DEKALB Co.
CLASSIFICATION STA. 204

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes) _____
- ☒ Other: USED STATE WIDE
AVERAGES

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: _____

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: _____

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: ESTIMATED FROM DEKALB Co.
CLASSIFICATION STA. 204

NAME OF PREPARER CHARLES N. KING PHONE # (615) 741-0957

DATE PREPARED 7-22-91

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [_ _ _ _] *STATE CODE [47] *SHRP SECTION ID [2025]
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HIGHWAY ROUTE NO. (THIS COUNT) SR-96
 MILEPOST# OR LOCATION (THIS COUNT) WEST OF AUBURN TOWN
 BEGINNING DATE 9-18-89 ENDING DATE 9-19-89
 BEGINNING TIME 08:00 ENDING TIME 08:00
 COUNT DURATION 24 [✓] HOURS [] DAYS [] MONTHS
 TYPE OF COUNTER STREETER NAME/MODEL # 5150 XT
 TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY ☐ GPS TEST LANE ONLY ☐

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)	--2319	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	--	
B. AXLE CORRECTION FACTOR	0.980	
C. DAY OF WEEK FACTOR	0.990	
D. MONTH FACTOR	--	
E. OTHER FACTOR ()	--	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	--2250	
4. DIRECTIONAL DISTRIBUTION FACTOR	--	
5. GPS LANE DISTRIBUTION FACTOR	--	
6. AADT GPS LANE	--1125	

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>CHARLES N. KING</u>	PHONE # <u>(615) 741-0957</u>
DATE PREPARED <u>7-22-91</u>	

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [_____]

*STATE CODE [47]*SHRP SECTION ID [9025]HIGHWAY RT. NO. (THIS COUNT) SR-96 MILEPOST# (THIS COUNT) N/ALOCATION (THIS COUNT) WEST OF AUBURN TOWN FUNCTIONAL CLASS 02BEGINNING DATE 2-25-91 ENDING DATE 2-26-91BEGINNING TIME 08:00 ENDING TIME 08:00 DURATION (HRS) 24TYPE OF COUNT: MANUAL _____ AUTOMATED ☒ NO. OF LANES COUNTED _____TYPE OF EQUIP.: AVC PERM. _____ AVC PORT. _____ WIM PERM. _____ WIM PORT. ☒EQUIPMENT NAME / MODEL # STREETER 5150 XTTOTAL NO. OF VEHICLES CLASSIFIED 1809 # TRUCKS 119 % TRUCKS 6.58NO. OF TRUCKS IN GPS LANE 74 % OF TRUCKS IN GPS LANE 6.58VEHICLE 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>2101</u>	<u>1050</u>	<u>1050</u>
2. FHWA CLASS 4 (Buses)	<u>14</u>	<u>7</u>	<u>7</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>37</u>	<u>19</u>	<u>19</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>29</u>	<u>14</u>	<u>14</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>9</u>	<u>4</u>	<u>4</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>21</u>	<u>11</u>	<u>11</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>38</u>	<u>19</u>	<u>19</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>1</u>	<u>1</u>	<u>1</u>
GRAND TOTAL	<u>2250</u>	<u>1125</u>	<u>1125</u>

NAME OF PREPARER CHARLES N. KING PHONE # (615) 741-0957DATE PREPARED 7-22-91

SHEET 11 LTPP TRAFFIC DATA VOLUME DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [<u>47</u>]
	*SHRP SECTION ID [<u>9025</u>]

HIGHWAY RT. NO. (THIS COUNT) S.R. 96 MILEPOST NO. (THIS COUNT) 1.00LOCATION (THIS COUNT) Cannon Co., 1 mile east of Rutherford Co. LineFILENAME V 479025. M12 DISK/TAPE ID 47001BEGINNING DATE 11-1-92 BEGINNING TIME 0:00ENDING DATE 11-30-92 ENDING TIME 24:00TYPE OF COUNT: TWO-WAY _____ ONE-WAY _____ GPS LANE XCOUNT DURATION / [] HOURS [] DAYS [X] MONTHSTYPE OF SENSOR _____ ROAD TUBES X PIEZO CABLE

_____ PIEZO FILM _____ LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER / MODEL # PAT/DAW 100

AXLE CORRECTION FACTOR _____ STANDARD DEV. OF FACTOR _____

MONTHLY/SEASONAL FACTOR _____ STANDARD DEV. OF FACTOR _____

DAY-OF-WEEK FACTOR _____ STANDARD DEV. OF FACTOR _____

OTHER FACTOR _____ STANDARD DEV. OF FACTOR _____

SPECIFY _____

DISTRIBUTION FACTOR FOR GPS LANE _____

(WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA.)

SOURCE OF GPS LANE DISTRIBUTION FACTOR ESTIMATE _____

COMMENTS: _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Ken Arnold PHONE # (615) 741-1816DATE PREPARED 3/15/93

RECEIVED APR 26 1993

<p>SHEET 11</p> <p>LTPP TRAFFIC DATA</p> <p>VOLUME DATA</p> <p>TRANSMITTAL FORM</p>	<p>*STATE ASSIGNED ID [_ _ _ _]</p> <p>*STATE CODE [42]</p> <p>*SHRP SECTION ID [2025]</p>
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HIGHWAY RT. NO. (THIS COUNT) S.R. 96 MILEPOST NO. (THIS COUNT) 1.00

LOCATION (THIS COUNT) Cannon Co., 1 mile east of Rutherford Co. Line

FILENAME V479025. N12 DISKTAPE ID 47001

BEGINNING DATE 12-1-92 BEGINNING TIME 0:00

ENDING DATE 12-31-92 ENDING TIME 24:00

TYPE OF COUNT: TWO-WAY ☐ ONE-WAY ☐ GPS LANE ☒

COUNT DURATION 1 [] HOURS [] DAYS [X] MONTHS

TYPE OF SENSOR ☐ ROAD TUBES ☒ PIEZO CABLE

☐ PIEZO FILM ☐ LOOPS ☐ OTHER ☐

EQUIPMENT MANUFACTURER / MODEL # PAT/DAW100

AXLE CORRECTION FACTOR ☐ STANDARD DEV. OF FACTOR ☐

MONTHLY/SEASONAL FACTOR ☐ STANDARD DEV. OF FACTOR ☐

DAY-OF-WEEK FACTOR ☐ STANDARD DEV. OF FACTOR ☐

OTHER FACTOR ☐ STANDARD DEV. OF FACTOR ☐

SPECIFY ☐

DISTRIBUTION FACTOR FOR GPS LANE ☐
(WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA.)

SOURCE OF GPS LANE DISTRIBUTION FACTOR ESTIMATE ☐

COMMENTS: ☐

☐

☐

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Ken Arnold PHONE # (615) 741-1816

DATE PREPARED 3-19-93

RECEIVED APR 26 1993

<p align="center">SHEET 11</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">VOLUME DATA</p> <p align="center">TRANSMITTAL FORM</p>	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [42]
	*SHRP SECTION ID [9025]

HIGHWAY RT. NO. (THIS COUNT) S.R. 96 MILEPOST NO. (THIS COUNT) 1.00

LOCATION (THIS COUNT) Cannon Co., 1 mile east of Rutherford Co. Line

FILENAME V 479025.C13 DISKTAPE ID 47001

BEGINNING DATE 1-1-93 BEGINNING TIME 0:00

ENDING DATE 1-31-93 ENDING TIME 24:00

TYPE OF COUNT: TWO-WAY _____ ONE-WAY _____ GPS LANE X

COUNT DURATION 1 [] HOURS [] DAYS [X] MONTHS

TYPE OF SENSOR _____ ROAD TUBES X PIEZO CABLE

_____ PIEZO FILM _____ LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER / MODEL # PAT / DAW 100

AXLE CORRECTION FACTOR _____ STANDARD DEV. OF FACTOR _____

MONTHLY/SEASONAL FACTOR _____ STANDARD DEV. OF FACTOR _____

DAY-OF-WEEK FACTOR _____ STANDARD DEV. OF FACTOR _____

OTHER FACTOR _____ STANDARD DEV. OF FACTOR _____
SPECIFY _____

DISTRIBUTION FACTOR FOR GPS LANE _____
(WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA.)

SOURCE OF GPS LANE DISTRIBUTION FACTOR ESTIMATE _____

COMMENTS: _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Ken Arnold</u>	PHONE # <u>(615) 741-1816</u>
DATE PREPARED <u>3-22-93</u>	

<p align="center">SHEET 11</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">VOLUME DATA</p> <p align="center">TRANSMITTAL FORM</p>	<p>*STATE ASSIGNED ID [_ _ _ _]</p> <p>*STATE CODE [42]</p> <p>*SHRP SECTION ID [9025]</p>
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HIGHWAY RT. NO. (THIS COUNT) S.R. 96 MILEPOST NO. (THIS COUNT) 1.00LOCATION (THIS COUNT) Cannon Co., 1 mile east of Rutherford Co. LineFILENAME V479025.D13 DISKTAPE ID 47001BEGINNING DATE 2-1-93 BEGINNING TIME 0:00ENDING DATE 2-28-93 ENDING TIME 24:00TYPE OF COUNT: TWO-WAY _____ ONE-WAY _____ GPS LANE XCOUNT DURATION 1 [] HOURS [] DAYS [X] MONTHSTYPE OF SENSOR _____ ROAD TUBES X PIEZO CABLE

_____ PIEZO FILM _____ LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER / MODEL # PAT/DAW 100

AXLE CORRECTION FACTOR _____ STANDARD DEV. OF FACTOR _____

MONTHLY/SEASONAL FACTOR _____ STANDARD DEV. OF FACTOR _____

DAY-OF-WEEK FACTOR _____ STANDARD DEV. OF FACTOR _____

OTHER FACTOR _____ STANDARD DEV. OF FACTOR _____
SPECIFY _____DISTRIBUTION FACTOR FOR GPS LANE _____
(WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA.)

SOURCE OF GPS LANE DISTRIBUTION FACTOR ESTIMATE _____

COMMENTS: _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Ken Arnold PHONE # (615) 741-1816DATE PREPARED 3-29-93

RECEIVED APR 26 1993

<p align="center">SHEET 11</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">VOLUME DATA</p> <p align="center">TRANSMITTAL FORM</p>	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [42]
	*SHRP SECTION ID [9025]

HIGHWAY RT. NO. (THIS COUNT) S.R. 96 MILEPOST NO. (THIS COUNT) 1.00
 LOCATION (THIS COUNT) Cannon Co., 1 mile east of Rutherford Co. Line

FILENAME V 479025.E13 DISKTAPE ID 47001

BEGINNING DATE 3-1-93 BEGINNING TIME 0:00

ENDING DATE 3-31-93 ENDING TIME 24:00

TYPE OF COUNT: TWO-WAY _____ ONE-WAY _____ GPS LANE X

COUNT DURATION 1 [] HOURS [] DAYS [X] MONTHS

TYPE OF SENSOR _____ ROAD TUBES X PIEZO CABLE

_____ PIEZO FILM _____ LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER / MODEL # PAT/DAW 100

AXLE CORRECTION FACTOR _____ STANDARD DEV. OF FACTOR _____

MONTHLY/SEASONAL FACTOR _____ STANDARD DEV. OF FACTOR _____

DAY-OF-WEEK FACTOR _____ STANDARD DEV. OF FACTOR _____

OTHER FACTOR _____ STANDARD DEV. OF FACTOR _____

SPECIFY _____

DISTRIBUTION FACTOR FOR GPS LANE _____
 (WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA.)

SOURCE OF GPS LANE DISTRIBUTION FACTOR ESTIMATE _____

COMMENTS: _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Ken Arnold</u>	PHONE # <u>(615) 741-1816</u>
<u>1-17-93</u>	