

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [2133]
	*STATE CODE [47]
	*SHRP SECTION ID [2001]

JB
8-28-95

STATE OR PROVINCE TENNESSEE COUNTY DYER

HIGHWAY ROUTE NO. SR-3 MILEPOST# N/A

NEAREST CITY/TOWN NEW BERN NEAREST INTERSECTION LOCUST GROVE ROAD

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

DIRECTION OF TRAVEL GPS LANE NORTH DATE OPENED TO TRAF. 07-15-79

FIPS COUNTY CODE 045 FHWA STATION IDENTIFICATION NO. _____

HPMS SAMPLE NO. 230150031751 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 _____

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>8-6-91</u>	

SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [47]
	*SHRP SECTION ID [2001]

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	6629	2021	3172	982	442
1988	7077	2158	3386	1049	472
1987	4742	1446	2269	703	316
1986	4928	1502	2358	731	329
1985	4779	1457	2287	709	319
1984	4380	1335	2096	649	292
1983	3916	1194	1874	581	261
1982	3300	1006	1579	489	220
1981	3204	977	1533	475	214
1980	3204	977	1533	475	214
1979	3050	930	1459	452	203
1978					
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER <u>CHARLES N. KING</u>	PHONE # <u>(615) 741-0957</u>
DATE PREPARED <u>8-6-91</u>	

SHEET 3

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

*STATE ASSIGNED ID [_ _ _ _]

*STATE CODE [47]

*SHRP SECTION ID [2001]

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: _____

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: ESTIMATED FROM DYER CO.
CLASSIFICATION STA. 63.

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: ESTIMATED FROM DYER CO.
CLASSIFICATION STA. 63.

6. METHOD FOR ESTIMATING ESAL/VEHICLE

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

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

DATE PREPARED 8-6-91

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [47]
	*SHRP SECTION ID [200]

HIGHWAY ROUTE NO. (THIS COUNT) SR-3

MILEPOST# OR LOCATION (THIS COUNT) SOUTH OF OBION CO. LINE

BEGINNING DATE 2-7-89 ENDING DATE 2-8-89

BEGINNING TIME 09:00 ENDING TIME 09:00

COUNT DURATION 24 [☒] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER STREETEER NAME/MODEL # 5150 XT

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>6190</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>-----</u>
B. AXLE CORRECTION FACTOR		<u>0.90</u>
C. DAY OF WEEK FACTOR	} <u>2</u>	<u>1.19</u>
D. MONTH FACTOR		<u>-----</u>
E. OTHER FACTOR ()		<u>-----</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>6629</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>-----</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>-----</u>
6. AADT GPS LANE		<u>3122</u>

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>8-6-91</u>	

SHEET 5

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID []

*STATE CODE [47]

*SHRP SECTION ID [2001]

HIGHWAY RT. NO. (THIS COUNT) SR-63 MILEPOST# (THIS COUNT) N/ALOCATION (THIS COUNT) NORTH OF NEWBURN FUNCTIONAL CLASS 02BEGINNING DATE 5-23-88 ENDING DATE 5-24-88BEGINNING TIME 11:00 ENDING TIME 11:00 DURATION (HRS) 24TYPE OF COUNT: MANUAL AUTOMATED ✓ NO. OF LANES COUNTED 4TYPE OF EQUIP.: AVC PERM. AVC PORT. ✓ WIM PERM. WIM PORT. EQUIPMENT NAME / MODEL # STREETER 5150 XTTOTAL NO. OF VEHICLES CLASSIFIED 4074 # TRUCKS 1242 % TRUCKS 30.49NO. OF TRUCKS IN GPS LANE 602 % OF TRUCKS IN GPS LANE 30.98VEHICLE 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>4520</u>	<u>2545</u>	<u>2157</u>
2. FHWA CLASS 4 (Buses)	<u>42</u>	<u>23</u>	<u>18</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>130</u>	<u>22</u>	<u>64</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>114</u>	<u>73</u>	<u>72</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>17</u>	<u>2</u>	<u>2</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>357</u>	<u>152</u>	<u>147</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>1324</u>	<u>718</u>	<u>661</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>15</u>	<u>11</u>	<u>10</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>21</u>	<u>13</u>	<u>10</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>1</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>88</u>	<u>37</u>	<u>31</u>
GRAND TOTAL	<u>6629</u>	<u>3646</u>	<u>3172</u>

NAME OF PREPARER CHARLES N. KING PHONE # (615) 741-0957DATE PREPARED 8-6-91

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 [2001]

HIGHWAY RT. NO. (THIS COUNT) US 51 MILEPOST NO. (THIS COUNT) 22.00

LOCATION (THIS COUNT) Dyer Co. 2.66 miles south of S.R. 105

FILENAME V 472001. C03 DISKTAPE ID 47001

BEGINNING DATE 1-25-93 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 7 [] HOURS [X] DAYS [] 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) 791-1816</u>
DATE PREPARED <u>3-22-93</u>	

SHEET 11 LTPP TRAFFIC DATA VOLUME DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [42]
	*SHRP SECTION ID [2001]

HIGHWAY RT. NO. (THIS COUNT) U.S. 51 MILEPOST NO. (THIS COUNT) 32.00LOCATION (THIS COUNT) Oyer Co., 2.66 miles south of S.R. 105FILENAME V 472001 DISK/TAPE 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 <u>Ken Arnold</u>	PHONE # <u>(615) 741-1816</u>
DATE PREPARED <u>3-29-93</u>	

RECEIVED APR 26 1993

<p align="center">SHEET 11</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">VOLUME DATA TRANSMITTAL FORM</p>	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [42]
	*SHRP SECTION ID [2001]

HIGHWAY RT. NO. (THIS COUNT) U.S. 51 MILEPOST NO. (THIS COUNT) 22.00

LOCATION (THIS COUNT) Oyer Co., 2.66 miles south of S.R. 105

FILENAME V472001.E13 DISK/TAPE 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>
DATE PREPARED <u>4-14-93</u>	

SHEET 14 LTPP TRAFFIC DATA EQUIPMENT INSTALLATION LOG		*STATE ASSIGNED ID *STATE CODE *SHRP SECTION ID	LOCATION INSTALLATION DATE
		[47] [2 0 0 1]	09-18-2002
	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	DAW 100	PAT	E91-00032
Interface			
Modem		Star comm	
Loop Amplifiers			
Other			
Sensor(s) / Platform(s)			
LTPP Lane Sensor			
Sensor Next Adjacent Lane (1)	BL Piezo	Measurement Specialties	JBL 28982
Sensor Next Adjacent Lane (2)	BL Piezo	" "	JBL 28992
Sensor Next Adjacent Lane (3)	BL Piezo	" "	JBL 28976
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other			
Software			
Complete Package			
Axle Spacing Algorithm Only			
Other			
Loops			
Upstream - Lane 1			
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			