

INDIANA DEPARTMENT OF TRANSPORTATION

SHEET 1  
LTPP TRAFFIC DATA  
SUMMARY TRANSMITTAL FORM

\* STATE ASSIGNED ID 0425  
\* STATE CODE 18  
\* SHRP SECTION ID 5538

STATE OR PROVINCE INDIANA COUNTY LaPORTE  
HIGHWAY ROUTE NO. SR 2 MILEPOST # 68  
NEAREST CITY/TOWN 4.0 MILES EAST OF LaPORTE NEAREST INTERSECTION 4.94  
MI EAST OF BOYD BLVD  
FUNC. CLASS 06 NO. LANES EACH DIRECTION 02 TOTAL LANES 04  
DIRECTION OF TRAVEL GPS LANE EAST DATE OPENED TO TRAFFIC 06 / 62 / 84 **IDS 4**  
FIPS COUNTY CODE 091 FHWA STATION IDENTIFICATION NO. \_\_\_\_\_  
HPMS SAMPLE NO. 460359250000 HPMS SUBDIVISION NO. 0  
TYPE OF PAVEMENT: AC \_\_\_\_\_ PCC X OTHER \_\_\_\_\_  
CONTROL OF ACCESS: YES \_\_\_\_\_ NO X MEDIAN: YES X NO \_\_\_\_\_  
CURRENT SURROUNDING DEVELOPMENT: URBAN \_\_\_\_\_ SUBURBAN \_\_\_\_\_ RURAL X  
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 DAVID P KELLY PHONE # 317-232-5134  
DATE PREPARED 02/92

## INDIANA DEPARTMENT OF TRANSPORTATION

SHEET 2  
LTPP TRAFFIC DATA  
TRAFFIC VOLUMES AND LOAD  
ESTIMATES

\* STATE ASSIGNED ID 0425  
\* STATE CODE 18  
\* SHRP SECTION ID 5538

	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCKS AADT (TWO-WAY) 0.076	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE 0.396	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE 0.127	5. ESTIMATED ESAL'S/YR GPS LANE (1000'S) 0.519
1989	9574	728	3791	481	250
1988	9522	724	3771	479	249
1987	8760	666	3469	441	229
1986	7241	550	2867	364	189
1985	5723	435	2266	288	149
1984	5620	427	2226	283	147
1983	5410	411	2142	272	141
1982	5193	395	2056	261	136
1981	5242	398	2076	264	137
1980	5228	397	2070	263	136
1979	5494	418	2176	276	143
1978	5552	422	2199	279	145
1977	5348	406	2118	269	140
1976	5645	429	2235	284	147
1975	0	0	0	0	0
1974	0	0	0	0	0
1973	0	0	0	0	0
1972	0	0	0	0	0
1971	0	0	0	0	0
1970	0	0	0	0	0
1969	0	0	0	0	0
1968	0	0	0	0	0
1967	0	0	0	0	0
1966	0	0	0	0	0
1965	0	0	0	0	0

NAME OF PREPARER DAVID P KELLY

PHONE # 317-232-5134

DATE PREPARED 02/92

INDIANA DEPARTMENT OF TRANSPORTATION

SHEET 3	* STATE ASSIGNED ID	0425
LTPP TRAFFIC DATA	* STATE CODE	18
PROCEDURES FOR ESTIMATING	* SHRP SECTION ID	5538
ANNUAL AVERAGE VOLUMES AND		
TOTAL ANNUAL ESAL'S		

1. YEAR APPLICABLE 1984

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 WIM DATA DATED  
OCT - DEC 1991

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ BASED ON ACTUAL LANE COUNT DATA SYSTEM DISTRIBUTION FACTORS.  
☒ OTHER: USED WIM DATA DATED  
OCT - DEC 1991

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ BASED ON ACTUAL LANE COUNT DATA SYSTEM DISTRIBUTION FACTORS.  
☒ OTHER: USED WIM DATA DATED  
OCT - DEC 1991

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☒ ESAL/TRUCK  
☐ ESAL/VEH CLASS(# OF CLASSES) \_\_\_\_\_  
☐ 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: USED WIM DATA DATED  
OCT - DEC 1991  
**(B) WEIGHT SCALE TYPE**  
☒ WIM SCALE  
☐ STATIC SCALE USED FOR ENFORCEMENT  
☐ STATIC SCALE NOT USED FOR ENFORCEMENT  
☐ OTHER: \_\_\_\_\_

*Intersect*

NAME OF PREPARER	DAVID P KELLY	PHONE #	317-232-5134
DATE PREPARED	02/92		

## INDIANA DEPARTMENT OF TRANSPORTATION

SHEET 3  
LTPP TRAFFIC DATA  
PROCEDURES FOR ESTIMATING  
ANNUAL AVERAGE VOLUMES AND  
TOTAL ANNUAL ESAL'S

\* STATE ASSIGNED ID 0425  
\* STATE CODE 18  
\* SHRP SECTION ID 5538

1. YEAR APPLICABLE 1985

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.  
X OTHER: GROWTH FACTORED 1983  
ESTIMATE

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.  
X OTHER: USED WIM DATA DATED  
OCT - DEC 1991

4. METHOD FOR ESTIMATING AADT BY  
GPS LANE

BASED ON ACTUAL LANE COUNT DATA  
SYSTEM DISTRIBUTION FACTORS.  
X OTHER: USED WIM DATA DATED  
OCT - DEC 1991

5. METHOD FOR ESTIMATING TRUCK  
AADT IN GPS LANES

BASED ON ACTUAL LANE COUNT DATA  
SYSTEM DISTRIBUTION FACTORS.  
X OTHER: USED WIM DATA DATED  
OCT - DEC 1991

6. METHOD FOR ESTIMATING ESAL/  
VEHICLE

X ESAL/TRUCK  
ESAL/VEH CLASS(# OF CLASSES)  
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  
X OTHER: USED WIM DATA DATED  
OCT - DEC 1991

(B) WEIGHT SCALE TYPE

X WIM SCALE  
STATIC SCALE USED FOR  
ENFORCEMENT  
STATIC SCALE NOT USED FOR  
ENFORCEMENT  
OTHER:

NAME OF PREPARER DAVID P KELLY

PHONE # 317-232-5134

DATE PREPARED 02/92

# INDIANA DEPARTMENT OF TRANSPORTATION

SHEET 3  
LTPP TRAFFIC DATA  
PROCEDURES FOR ESTIMATING  
ANNUAL AVERAGE VOLUMES AND  
TOTAL ANNUAL ESAL'S

\* STATE ASSIGNED ID 0425  
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\* SHRP SECTION ID 5538

1. YEAR APPLICABLE 1986

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: (1987 ESTIMATE - 1985  
ESTIMATE)/2 +1985 ESTIMATE

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 WIM DATA DATED  
OCT - DEC 1991

4. METHOD FOR ESTIMATING AADT BY  
GPS LANE  
\_\_\_ BASED ON ACTUAL LANE COUNT DATA  
SYSTEM DISTRIBUTION FACTORS.  
☒ OTHER: USED WIM DATA DATED  
OCT - DEC 1991

5. METHOD FOR ESTIMATING TRUCK  
AADT IN GPS LANES

\_\_\_ BASED ON ACTUAL LANE COUNT DATA  
SYSTEM DISTRIBUTION FACTORS.  
☒ OTHER: USED WIM DATA DATED  
OCT - DEC 1991

6. METHOD FOR ESTIMATING ESAL/  
VEHICLE

☒ ESAL/TRUCK  
\_\_\_ ESAL/VEH CLASS(# OF CLASSES)  
\_\_\_ 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: USED WIM DATA DATED  
OCT - DEC 1991  
(B) WEIGHT SCALE TYPE  
☒ WIM SCALE  
\_\_\_ STATIC SCALE USED FOR  
ENFORCEMENT  
\_\_\_ STATIC SCALE NOT USED FOR  
ENFORCEMENT  
\_\_\_ OTHER: \_\_\_\_\_

NAME OF PREPARER DAVID P KELLY

PHONE # 317-232-5134

DATE PREPARED 02/92

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SHEET 3  
LTPP TRAFFIC DATA  
PROCEDURES FOR ESTIMATING  
ANNUAL AVERAGE VOLUMES AND  
TOTAL ANNUAL ESAL'S

\* STATE ASSIGNED ID 0425  
\* STATE CODE 18  
\* SHRP SECTION ID 5538

1. YEAR APPLICABLE 1987

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.  
X 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.  
X OTHER: USED WIM DATA DATED  
OCT - DEC 1991

4. METHOD FOR ESTIMATING AADT BY  
GPS LANE

\_\_\_ BASED ON ACTUAL LANE COUNT DATA  
SYSTEM DISTRIBUTION FACTORS.  
X OTHER: USED WIM DATA DATED  
OCT - DEC 1991

5. METHOD FOR ESTIMATING TRUCK  
AADT IN GPS LANES

\_\_\_ BASED ON ACTUAL LANE COUNT DATA  
SYSTEM DISTRIBUTION FACTORS.  
X OTHER: USED WIM DATA DATED  
OCT - DEC 1991

6. METHOD FOR ESTIMATING ESAL/  
VEHICLE

X ESAL/TRUCK  
\_\_\_ ESAL/VEH CLASS(# OF CLASSES)\_\_\_\_  
\_\_\_ 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  
X OTHER: USED WIM DATA DATED  
OCT - DEC 1991  
(B) WEIGHT SCALE TYPE  
X WIM SCALE  
\_\_\_ STATIC SCALE USED FOR  
ENFORCEMENT  
\_\_\_ STATIC SCALE NOT USED FOR  
ENFORCEMENT  
\_\_\_ OTHER: \_\_\_\_\_

NAME OF PREPARER DAVID P KELLY

PHONE # 317-232-5134

DATE PREPARED 02/92

INDIANA DEPARTMENT OF TRANSPORTATION

SHEET 3 LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESAL'S	* STATE ASSIGNED ID <u>0425</u> * STATE CODE <u>18</u> * SHRP SECTION ID <u>5538</u>
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1. YEAR APPLICABLE 1988

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 WIM DATA DATED  
                                   OCT - DEC 1991

4. METHOD FOR ESTIMATING AADT BY GPS LANE  
☐ BASED ON ACTUAL LANE COUNT DATA SYSTEM DISTRIBUTION FACTORS.  
☒ OTHER: USED WIM DATA DATED  
                                   OCT - DEC 1991

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES  
☐ BASED ON ACTUAL LANE COUNT DATA SYSTEM DISTRIBUTION FACTORS.  
☒ OTHER: USED WIM DATA DATED  
                                   OCT - DEC 1991

6. METHOD FOR ESTIMATING ESAL/VEHICLE  
☒ ESAL/TRUCK  
☐ ESAL/VEH CLASS(# OF CLASSES) \_\_\_\_\_  
☐ 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: USED WIM DATA DATED  
                                   OCT - DEC 1991  
 (B) WEIGHT SCALE TYPE  
☒ WIM SCALE  
☐ STATIC SCALE USED FOR ENFORCEMENT  
☐ STATIC SCALE NOT USED FOR ENFORCEMENT  
☐ OTHER: \_\_\_\_\_

NAME OF PREPARER DAVID P KELLY

PHONE # 317-232-5134

DATE PREPARED 02/92

INDIANA DEPARTMENT OF TRANSPORTATION

SHEET 3 LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESAL'S	* STATE ASSIGNED ID <u>0425</u> * STATE CODE <u>18</u> * SHRP SECTION ID <u>5538</u>
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- |   |   |
|---|---|
| <p>1. YEAR APPLICABLE <u>1989</u></p> <p>2. METHOD FOR ESTIMATING AADT<br/>         _____ FACTORED A SINGLE COUNT TAKEN<br/>         _____ THIS YEAR AT THE GPS SITE.<br/>         _____ AVERAGED MULTIPLE COUNTS TAKEN<br/>         _____ THIS YEAR AT THE GPS SITE.<br/>         _____ AVERAGED AND FACTORED MULTIPLE<br/>         _____ COUNTS TAKEN THIS YEAR AT THE<br/>         _____ GPS SITE.<br/>         _____ GROWTH FACTORED LAST YEAR'S<br/>         _____ ESTIMATE.<br/>         _____ ESTIMATED BASED ON VOLUME<br/>         _____ COUNTS AT NEARBY LOCATIONS.<br/>         _____ USED FLOW MAPS.<br/>         _____ USED COMPUTERIZED NETWORK<br/>         _____ ANALYSES.<br/> <u>X</u> OTHER: <u>GROWTH FACTORED 1987</u><br/> <u>ESTIMATE</u></p> <p>3. METHOD FOR ESTIMATING TRUCK<br/>         VOLUMES OR PERCENTAGES<br/>         _____ USED A SINGLE COUNT TAKEN THIS<br/>         _____ YEAR AT THE GPS SITE.<br/>         _____ FACTORED A SINGLE COUNT TAKEN<br/>         _____ THIS YEAR AT THE GPS SITE.<br/>         _____ AVERAGED MULTIPLE COUNTS TAKEN<br/>         _____ THIS YEAR AT THE GPS SITE.<br/>         _____ USED SYSTEM AVERAGES FROM<br/>         _____ COUNTS TAKEN THIS YEAR.<br/>         _____ USED COUNT DATA FROM NEARBY<br/>         _____ SITES.<br/>         _____ USED COUNT DATA TAKEN IN EARLIER<br/>         _____ YEARS AT THE GPS SITE.<br/>         _____ USED SYSTEM AVERAGES TAKEN IN<br/>         _____ EARLIER YEARS AT THE GPS SITE.<br/>         _____ USED COMPUTERIZED NETWORK<br/>         _____ ANALYSES.<br/> <u>X</u> OTHER: <u>USED WIM DATA DATED</u><br/> <u>OCT - DEC 1991</u></p> | <p>4. METHOD FOR ESTIMATING AADT BY<br/>         GPS LANE<br/>         _____ BASED ON ACTUAL LANE COUNT DATA<br/>         _____ SYSTEM DISTRIBUTION FACTORS.<br/> <u>X</u> OTHER: <u>USED WIM DATA DATED</u><br/> <u>OCT - DEC 1991</u></p> <p>5. METHOD FOR ESTIMATING TRUCK<br/>         AADT IN GPS LANES<br/>         _____ BASED ON ACTUAL LANE COUNT DATA<br/>         _____ SYSTEM DISTRIBUTION FACTORS.<br/> <u>X</u> OTHER: <u>USED WIM DATA DATED</u><br/> <u>OCT - DEC 1991</u></p> <p>6. METHOD FOR ESTIMATING ESAL/<br/>         VEHICLE<br/> <u>X</u> ESAL/TRUCK<br/>         _____ ESAL/VEH CLASS(# OF CLASSES) _____<br/>         _____ OTHER: _____</p> <p>7. ESAL ESTIMATES<br/>         (A) SOURCE OF DATA<br/>         _____ WEIGHT DATA COLLECTED AT GPS<br/>         _____ SITE THIS YEAR<br/>         _____ WEIGHT DATA COLLECTED AT GPS<br/>         _____ SITE PRIOR YEARS<br/>         _____ WEIGHT DATA FROM SYSTEM<br/>         _____ AVERAGES THIS YEAR<br/>         _____ WEIGHT DATA FROM SYSTEM<br/>         _____ AVERAGES PRIOR YEARS<br/>         _____ WEIGHT DATA FROM HISTORIC W-4<br/>         _____ TABLES USED<br/> <u>X</u> OTHER: <u>USED WIM DATA DATED</u><br/> <u>OCT - DEC 1991</u><br/>         (B) WEIGHT SCALE TYPE<br/> <u>X</u> WIM SCALE<br/>         _____ STATIC SCALE USED FOR<br/>         _____ ENFORCEMENT<br/>         _____ STATIC SCALE NOT USED FOR<br/>         _____ ENFORCEMENT<br/>         _____ OTHER: _____</p> |
|---|---|

NAME OF PREPARER <u>DAVID P KELLY</u>	PHONE # <u>317-232-5134</u>
DATE PREPARED <u>02/92</u>	



INDIANA DEPARTMENT OF TRANSPORTATION

SHEET 4	* STATE ASSIGNED ID	0425
LTPP TRAFFIC DATA	* STATE CODE	18
TRAFFIC VOLUME COUNTS	* SHRP SECTION ID	5538

HIGHWAY ROUTE NO. (THIS COUNT) SR 2

MILEPOST # OR LOCATION (THIS COUNT) 66

BEGINNING DATE 05/18/87 ENDING DATE 05/20/87

BEGINNING TIME 08:00 ENDING TIME 08:00

COUNT DURATION 48 ( X ) HOURS (     ) DAYS (     ) MONTHS

TYPE OF COUNTER STREETER NAME/MODEL # MR 101

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>17826</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE)		
A. ADJUSTMENT TO 24 HOUR COUNT		<u>0.500</u>
B. AXLE CORRECTION FACTOR		<u>   </u>
C. DAY OF WEEK FACTOR		<u>   </u>
D. MONTH FACTOR		<u>0.983</u>
E. OTHER FACTOR ( <u>                                </u> )		<u>   </u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>8761</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.792</u>
6. AADT GPS LANE		<u>3469</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER	<u>DAVID P KELLY</u>	PHONE #	<u>317-232-5134</u>
DATE PREPARED	<u>02/92</u>		

# INDIANA DEPARTMENT OF TRANSPORTATION

SHEET 5  
LTPP TRAFFIC DATA  
VEHICLE CLASSIFICATION DATA  
FHWA 13-CLASS SYSTEM

\* STATE ASSIGNED ID 0425  
\* STATE CODE 18  
\* SHRP SECTION ID 5538

HIGHWAY ROUTE NO. (THIS COUNT) SR 2 MILEPOST # (THIS COUNT) 66  
LOCATION (THIS COUNT) 2.6 MILES EAST OF LaPORTE FUNCTIONAL CLASS 06  
BEGINNING DATE 10/01/91 ENDING DATE 10/31/91  
BEGINNING TIME 00:00 ENDING TIME 23:59 DURATION (HRS) 744  
TYPE OF COUNT: MANUAL      AUTOMATED X NO. OF LANES COUNTED 04  
TYPE OF EQUIP.: AVC PERM.      AVC PORT.      WIM PERM. X WIM PORT.       
EQUIPMENT NAME/MODEL #      IRD BENDING PLATE       
TOTAL NO. OF VEHICLES CLASSIFIED 271140 # TRUCKS 22195 % TRUCKS 8.18  
NO. OF TRUCKS IN GPS LANE 106898 % OF TRUCKS IN GPS LANE 13.54  
VEHICLE CLASSIFICATION METHOD: FHWA X 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>248945</u>	<u>119288</u>	<u>92419</u>
2.FHWA CLASS 4 (BUSES)	<u>681</u>	<u>129</u>	<u>87</u>
3.FHWA CLASS 5 (TWO AXLE,6-TIRE,SU TRUCK)	<u>4474</u>	<u>4165</u>	<u>4138</u>
4.FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>4369</u>	<u>3541</u>	<u>2719</u>
5.FHWA CLASS 7 (4 OR MORE AXLE SU TRUCK)	<u>106</u>	<u>65</u>	<u>64</u>
6.FHWA CLASS 8 (4 OR LESS AXLE, 1 TRLR.TRUCK)	<u>6852</u>	<u>5181</u>	<u>4296</u>
7.FHWA CLASS 9 (5 AXLE, 1 TRLR.TRUCK)	<u>4757</u>	<u>2653</u>	<u>2505</u>
8.FHWA CLASS 10 (6 OR MORE AXLE, 1 TRLR.TRUCK)	<u>305</u>	<u>255</u>	<u>239</u>
9.FHWA CLASS 11 (5 OR LESS AXLE, MULTI TRLR.TRUCK)	<u>459</u>	<u>287</u>	<u>275</u>
10.FHWA CLASS 12 (6 AXLE, MULTI TRLR.TRUCK)	<u>149</u>	<u>144</u>	<u>135</u>
11.FHWA CLASS 13 (7 OR MORE AXLE, MULTI-TRLR.TRUCK)	<u>43</u>	<u>23</u>	<u>21</u>
12.OTHER VEHICLES	<u>0</u>	<u>0</u>	<u>0</u>
GRAND TOTAL	<u>271140</u>	<u>135731</u>	<u>106898</u>

NAME OF PREPARER DAVID P KELLY

PHONE # 317-232-5134

DATE PREPARED 02/92

considered as a Sht. 13.

INDIANA DEPARTMENT OF TRANSPORTATION

SHEET 8	* STATE ASSIGNED ID	<u>0425</u>
LTPP TRAFFIC DATA	* STATE CODE	<u>18</u>
TRUCK WEIGHT	* SHRP SECTION ID	<u>5538</u>
SESSION INFORMATION		

HIGHWAY RT NO. (THIS SESSION) SR 2 MILEPOST # (THIS SESSION) 66

LOCATION (THIS SESSION) 2.6 MILES EAST OF LaPORTE

FUNCTIONAL CLASS 06 DIRECTION OF TRAVEL EAST

1. FHWA STATION IDENTIFICATION NUMBER \_\_\_\_\_
2. TYPE OF WEIGHING EQUIPMENT: PERM. SCALE \_\_\_\_\_ PERM. WIM X  
PORT. SCALE \_\_\_\_\_ PORT. WIM \_\_\_\_\_
3. COUNT DURATION (HOURS) 744 COUNT LANE 03
4. BEGINNING TIME (MONTH, DAY, YEAR, TIME) 10-01-91-00:00
5. ENDING TIME (MONTH, DAY, YEAR, TIME) 10-31-91-23:59
6. EQUIPMENT MANUFACTURER/MODEL # IRD BENDING PLATE \_\_\_\_\_
7. PURPOSE OF WEIGHT SESSION:  
DATA COLLECTION X ENFORCEMENT \_\_\_\_\_
8. VEHICLE CLASSIFICATION SCHEME: FHWA X OTHER \_\_\_\_\_ # BINS \_\_\_\_\_
9. PAVEMENT TYPE: AC \_\_\_\_\_ PCC X OTHER \_\_\_\_\_
10. METHOD OF CALIBRATION AND FREQUENCY USED THE WEIGHT OF A KNOWN TRUCK

NOTE: IF THIS WEIGHT SESSION IS NOT BASED UPON THE FHWA 13-BIN CLASSIFICATION SYSTEM, USE SHEET 7 TO DESCRIBE HOW THE SHA WOULD EXPAND OR COLLAPSE THE AGENCY CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES. ALSO PROVIDE A DESCRIPTION OF THE CLASSIFICATION SCHEME THAT WAS USED.

NAME OF PREPARER	<u>DAVID P KELLY</u>	PHONE #	<u>317-232-5134</u>
DATE PREPARED	<u>02/92</u>		