

INDIANA DEPARTMENT OF TRANSPORTATION

SHEET 1
LTPP TRAFFIC DATA
SUMMARY TRANSMITTAL FORM

* STATE ASSIGNED ID 0425
* STATE CODE 18
* SHRP SECTION ID 5528

STATE OR PROVINCE INDIANA COUNTY LaPORTE
HIGHWAY ROUTE NO. SR 2 MILEPOST # 65
NEAREST CITY/TOWN 1.6 MILES EAST OF LaPORTE NEAREST INTERSECTION 2.54
MI EAST OF BOYD RD
FUNC. CLASS 06 NO. LANES EACH DIRECTION 02 TOTAL LANES 04
DIRECTION OF TRAVEL GPS LANE EAST DATE OPENED TO TRAFFIC / /84
FIPS COUNTY CODE 091 FHWA STATION IDENTIFICATION NO.
HPMS SAMPLE NO. 460358825000 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 5528

	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCKS 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)
		0.076	0.396	0.127	0.519
1989	10503	798	4159	528	274
1988	10446	794	4137	525	273
1987	9610	730	3806	483	251
1986	8682	660	3438	437	227
1985	7755	589	3071	390	202
1984	7615	579	3016	383	199
1983	7330	557	2903	369	191
1982	7036	535	2786	354	184
1981	7102	540	2812	357	185
1980	6984	531	2766	351	182
1979	7125	542	2822	358	186
1978	7193	547	2848	362	188
1977	7001	532	2772	352	183
1976	6871	522	2721	346	179
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 REBECCA L ARCHIBALD 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	5528
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:

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 5528

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.
☒ 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.
☒ 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 0425
* STATE CODE 18
* SHRP SECTION ID 5528

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:

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PROCEDURES FOR ESTIMATING
ANNUAL AVERAGE VOLUMES AND
TOTAL ANNUAL ESAL'S

* STATE ASSIGNED ID 0425
 * STATE CODE 18
 * SHRP SECTION ID 5528

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.
☒ 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: _____

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SHEET 3
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ANNUAL AVERAGE VOLUMES AND
TOTAL ANNUAL ESAL'S

* STATE ASSIGNED ID 0425
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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.
☒ 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

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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 5528

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 0425
* STATE CODE 18
* SHRP SECTION ID 5528

1. YEAR APPLICABLE 1989

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: GROWTH FACTORED 1987
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

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 5528

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

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>5528</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.

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