

1 of 12

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [5406] *STATE CODE [17] *SHRP SECTION ID [5854]
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SCANNED
JUN 10 2008
BY AB

STATE OR PROVINCE ILLINOIS COUNTY PEORIA
HIGHWAY ROUTE NO. ILL. 6 MILEPOST# MP 3
NEAREST CITY/TOWN 0.3 MILES FROM PEORIA NEAREST INTERSECTION 0.8 MILES N. OF US 150
FUNCTIONAL CLASS 12 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4
DIRECTION OF TRAVEL GPS LANE NORTH DATE OPENED TO TRAF. 82 10/1/82
FIPS COUNTY CODE 143 FHWA STATION IDENTIFICATION NO. _____
HPMS SAMPLE NO. _____ HPMS SUBDIVISION NO. _____
TYPE OF PAVEMENT: AC _____ PCC X OTHER _____
CONTROL OF ACCESS: YES X NO _____ MEDIAN: YES X NO _____
CURRENT SURROUNDING DEVELOPMENT:
URBAN _____ SUBURBAN X RURAL _____
HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?
YES _____ NO X
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>RAY L. RAMBO</u>	PHONE # <u>217/785-2999</u>
DATE PREPARED <u>04-29-91</u>	

SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES	*STATE ASSIGNED ID [<u>5406</u>] *STATE CODE [<u>11</u>] *SHRP SECTION ID [<u>5854</u>]
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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	<u>11,400</u>	<u>800</u>	<u>5,130</u>	<u>360</u>	<u>142</u>
1988	<u>10,600</u>	<u>750</u>	<u>4,770</u>	<u>338</u>	<u>133</u>
1987	<u>8,600</u>	<u>520</u>	<u>3,870</u>	<u>234</u>	<u>92</u>
1986	<u>8,100</u>	<u>450</u>	<u>3,645</u>	<u>203</u>	<u>80</u>
1985	<u>7,500</u>	<u>350</u>	<u>3,375</u>	<u>158</u>	<u>62</u>
1984	<u>6,500</u>	<u>325</u>	<u>2,925</u>	<u>146</u>	<u>58</u>
1983	<u>5,400</u>	<u>270</u>	<u>2,430</u>	<u>122</u>	<u>48</u>
1982	<u>5,000</u>	<u>250</u>	<u>2,250</u>	<u>113</u>	<u>22</u>
1981					
1980					
1979					
1978					
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER <u>RAY L. RAMBO</u>	PHONE # <u>217/785-2999</u>
DATE PREPARED <u>04-29-91</u>	

SHEET 3

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

*STATE ASSIGNED ID [5406]
*STATE CODE [17]
*SHRP SECTION ID [5854]

1. Year Applicable 1982-1987

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 TRUCK FLOW MAPS

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
☒ System distribution factors.
☐ Other: _____

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
☒ System distribution factors.
☐ Other: _____

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
☒ ESAL/Vehicle class. (no. of classes) 3
☐ 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: BY USE OF ESAL/VEHICLE AND YEARLY TRAFFIC DATA

(B) Weight Scale Type

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

NAME OF PREPARER RAY L. RAMBO PHONE # 217/785-2999
DATE PREPARED 04-29-91

SHEET 3 LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS	*STATE ASSIGNED ID [5406] *STATE CODE [11] *SHRP SECTION ID [5854]
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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: _____

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
☒ System distribution factors.
☐ Other: _____

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
☒ System distribution factors.
☐ Other: _____

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
☒ ESAL/Vehicle class. (no. of classes) 3
☐ 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: BY USE OF ESAL/VEHICLE AND YEARLY TRAFFIC DATA

(B) Weight Scale Type

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

NAME OF PREPARER RAY L. RAMBO PHONE # 217/785-2999
 DATE PREPARED 04-29-91

<p>SHEET 3</p> <p>LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS</p>	<p>*STATE ASSIGNED ID [<u>5406</u>]</p> <p>*STATE CODE [<u>11</u>]</p> <p>*SHRP SECTION ID [<u>5854</u>]</p>
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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: _____

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 TRUCK FLOW MAPS

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: _____

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: _____

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☒ ESAL/Vehicle class. (no. of classes) 3
- ☐ 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: BY USE OF ESAL/VEHICLE AND YEARLY TRAFFIC DATA

(B) Weight Scale Type

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

NAME OF PREPARER <u>RAY L. RAMBO</u>	PHONE # <u>217/785-2999</u>
DATE PREPARED <u>04-29-91</u>	

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [5406] *STATE CODE [11] *SHRP SECTION ID [5854]
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HIGHWAY ROUTE NO. (THIS COUNT) ILL. 6
 MILEPOST# OR LOCATION (THIS COUNT) MP 3
 BEGINNING DATE 10-25-89 ENDING DATE 10-26-89
 BEGINNING TIME _____ ENDING TIME _____
 COUNT DURATION _____ [24] HOURS [] DAYS [] MONTHS
 TYPE OF COUNTER STREETEER NAME/MODEL # IR 160
 TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY _____ GPS TEST LANE ONLY _____

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>12,930</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>-----</u>
B. AXLE CORRECTION FACTOR		<u>-----</u> <u>-900</u>
C. DAY OF WEEK FACTOR		<u>-----</u>
D. MONTH FACTOR		<u>1.05</u> DIVISION FACTOR
E. OTHER FACTOR (_____)		<u>-----</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>11,400</u> ROUNDED
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>-.50</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>-.90</u>
6. AADT GPS LANE		<u>5,130</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>RAY L. RAMBO</u>	PHONE # <u>217/785-2999</u>
DATE PREPARED <u>04-30-91</u>	

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [5406] *STATE CODE [11] *SHRP SECTION ID [5854]
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HIGHWAY RT. NO. (THIS COUNT) ILL. 6 MILEPOST# (THIS COUNT) W. OF ILL. 88

LOCATION (THIS COUNT) 12 FUNCTIONAL CLASS 12

BEGINNING DATE 06-08-88 ENDING DATE 06-08-88

BEGINNING TIME 0600 ENDING TIME 1200 DURATION (HRS) 6

TYPE OF COUNT: MANUAL X AUTOMATED NO. OF LANES COUNTED 4

TYPE OF EQUIP.: AVC PERM. AVC PORT. WIM PERM. WIM PORT.

EQUIPMENT NAME / MODEL #

TOTAL NO. OF VEHICLES CLASSIFIED 3929 # TRUCKS 364 % TRUCKS 9

NO. OF TRUCKS IN GPS LANE % OF TRUCKS IN GPS LANE 45

VEHICLE CLASSIFICATION METHOD: FHWA OTHER X # BINS 8

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)	-----	-----	-----
2. FHWA CLASS 4 (Buses)	-----	-----	-----
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	-----	-----	-----
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	-----	-----	-----
5. FHWA CLASS 7 (4 or more Axle SU Truck)	-----	-----	-----
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	-----	-----	-----
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	-----	-----	-----
8. FHWA CLASS 10 (6 or more Axle,1-Trlr.Truck)	-----	-----	-----
9. FHWA CLASS 11 (5 or less Axle,Multi-Trlr.Truck)	-----	-----	-----
10. FHWA CLASS 12 (6 Axle,Multi-Trlr.Truck)	-----	-----	-----
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	-----	-----	-----
12. OTHER VEHICLES	-----	-----	-----
GRAND TOTAL	-----	-----	-----

NAME OF PREPARER <u>RAY L. RAMBO</u>	PHONE # <u>217/785-2999</u>
DATE PREPARED <u>04-30-91</u>	

SHEET 6 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA AGENCY DEFINED CLASSES	*STATE ASSIGNED ID [5406] *STATE CODE [11] *SHRP SECTION ID [5854]
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FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS
HIGHWAY ROUTE NO. (THIS COUNT) ILL. 6 MILEPOST # (THIS COUNT) _____
BEGINNING DATE 06-06-88 ENDING DATE 06-06-88
BEGINNING TIME 1200 ENDING TIME 1800 DURATION (HRS) 6

VEHICLE CLASSES (DESCRIBE VEHICLE TYPES IN EACH CLASS OR AXLE SPACING CATEGORY)	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
A. <u>4-TIRE</u>	<u>3995</u>	-----	-----
B. <u>6-TIRE</u>	<u>118</u>	-----	-----
C. <u>3-AXLE SU</u>	<u>34</u>	-----	-----
D. <u>BUS</u>	<u>0</u>	-----	-----
E. <u>3A MU</u>	<u>8</u>	-----	-----
F. <u>4A MU</u>	<u>14</u>	-----	-----
G. <u>5A MU</u>	<u>167</u>	-----	-----
H. <u>6A+ MU</u>	<u>4</u>	-----	-----
I. _____	-----	-----	-----
J. _____	-----	-----	-----
K. _____	-----	-----	-----
L. _____	-----	-----	-----
M. _____	-----	-----	-----
N. _____	-----	-----	-----
O. _____	-----	-----	-----
P. _____	-----	-----	-----
Q. _____	-----	-----	-----
R. _____	-----	-----	-----
S. _____	-----	-----	-----
T. _____	-----	-----	-----

GRAND TOTAL 4340

NAME OF PREPARER <u>RAY L. RAMBO</u>	PHONE # <u>217/785-2999</u>
DATE PREPARED <u>04-30-91</u>	

SHEET 6 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA AGENCY DEFINED CLASSES	*STATE ASSIGNED ID [<u>5406</u>] *STATE CODE [<u>17</u>] *SHRP SECTION ID [<u>5854</u>]
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FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) ILL, 6 MILEPOST # (THIS COUNT)

BEGINNING DATE 06-08-88 ENDING DATE 06-08-98

BEGINNING TIME 0600 ENDING TIME 1200 DURATION (HRS) 6

VEHICLE CLASSES (DESCRIBE VEHICLE TYPES IN EACH CLASS OR AXLE SPACING CATEGORY)	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
A. <u>4-TIRE</u>	<u>3,565</u>	-----	-----
B. <u>6-TIRE</u>	<u>130</u>	-----	-----
C. <u>3A MU</u>	<u>51</u>	-----	-----
D. <u>BUS</u>	<u>2</u>	-----	-----
E. <u>3A MU</u>	<u>4</u>	-----	-----
F. <u>4A MU</u>	<u>14</u>	-----	-----
G. <u>5A MU</u>	<u>159</u>	-----	-----
H. <u>6A+ MU</u>	<u>4</u>	-----	-----
I. _____	-----	-----	-----
J. _____	-----	-----	-----
K. _____	-----	-----	-----
L. _____	-----	-----	-----
M. _____	-----	-----	-----
N. _____	-----	-----	-----
O. _____	-----	-----	-----
P. _____	-----	-----	-----
Q. _____	-----	-----	-----
R. _____	-----	-----	-----
S. _____	-----	-----	-----
T. _____	-----	-----	-----

GRAND TOTAL 3929

NAME OF PREPARER <u>RAY L. RAMBO</u>	PHONE # <u>217/185-2999</u>
DATE PREPARED <u>04-30-91</u>	

<p>SHEET 7</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION CONVERSION CHART</p>	<p>*STATE ASSIGNED ID [<u>5406</u>]</p> <p>*STATE CODE [<u>17</u>]</p> <p>*SHRP SECTION ID [<u>5854</u>]</p>
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FOR 4-BIN, 6-BIN, OR OTHER NON FHWA CLASSIFICATION SYSTEMS

USE THIS SHEET TO DESCRIBE HOW THE AGENCY'S CLASSIFICATION SYSTEM CAN BE CONVERTED TO THE FHWA 13-CLASSES. ENTER PERCENTAGE OF TOTAL SHA CLASS DISTRIBUTED TO EACH FHWA CLASS. APPLICABLE PERIOD FROM 1980 TO PRESENT

FHWA CLASSES													
SHA CLASS	1-3	4	5	6	7	8	9	10	11	12	13	OTHER	TOTAL
A	100												
B			100										
C				100									
D		100											
E						100							
F						100							
G							*		*				
H								*		*	*		
I													
J													
K													
L													
M													
N													
O													
P													
Q													
R													
S													
T													
TOTAL													

* DISTRIBUTION UNKNOWN

NAME OF PREPARER <u>RAY L RAMBO</u>	PHONE # <u>217/785-2999</u>
DATE PREPARED <u>04-30-91</u>	