

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [7280]
	*STATE CODE [17]
	*SHRP SECTION ID [926]

SCANNED

JUN 10 2008
BY [Signature]

STATE OR PROVINCE ILLINOIS COUNTY ROCK ISLAND

HIGHWAY ROUTE NO. I 80 MILEPOST# MP 5

NEAREST CITY/TOWN 3 MILES E. OF EAST MOLINE NEAREST INTERSECTION 1 MILE S. OF I 88

FUNCTIONAL CLASS 01 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4

DIRECTION OF TRAVEL GPS LANE SOUTH DATE OPENED TO TRAF. 10-27-66

FIPS COUNTY CODE 161 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 _____ RURAL X

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>04-23-91</u>	

<p>SHEET 2</p> <p>LTPP TRAFFIC DATA</p> <p>TRAFFIC VOLUMES AND LOAD ESTIMATES</p>	<p>*STATE ASSIGNED ID [1280]</p> <p>*STATE CODE [17]</p> <p>*SHRP SECTION ID [9267]</p>
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NOTE: PRIOR TO 1980 PANELS AND PICKUPS WERE INCLUDED IN TRUCKS; HOWEVER, THE ESAL COMPUTATIONS WERE BASED ON APPROPRIATE FORMULAE.

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	13,300	4,160	5,985	1,872	1,107
1988	12,600	4,000	5,670	1,800	1,064
1987	12,600	3,850	5,670	1,732	1,024
1986	12,300	3,600	5,535	1,620	958
1985	12,000	3,400	5,400	1,530	904
1984	11,600	3,250	5,220	1,462	898
1983	11,000	3,138	4,950	1,412	844
1982	10,800	3,238	4,860	1,457	686
1981	10,500	3,188	4,725	1,435	684
1980	9,600	3,100	4,320	1,395	660
1979	9,700	4,229	4,365	1,903	604
1978	9,900	4,256	4,455	1,915	618
1977	10,000	3,605	4,500	1,622	483
1976	11,800	3,450	5,310	1,552	463
1975	13,100	3,859	5,895	1,736	452
1974	13,200	3,938	5,940	1,772	465
1973	13,200	4,065	5,940	1,829	489
1972	14,000	4,200	6,300	1,890	528
1971	14,300	3,975	6,435	1,789	511
1970	12,000	2,656	5,400	1,195	433
1969	11,100	2,875	4,995	1,294	400
1968	9,900	2,600	4,455	1,170	405
1967	7,800	2,344	3,510	1,055	389
1966	868	345	391	155	60
1965					

NAME OF PREPARER <u>RAY L. RAMBO</u>	PHONE # <u>217/785-2999</u>
DATE PREPARED <u>04-24-91</u>	

SHEET 3

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

*STATE ASSIGNED ID [1280]

*STATE CODE [11]

*SHRP SECTION ID [1261]

1. Year Applicable 1966-1986

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: _____

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 04-26-91

SHEET 3

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

*STATE ASSIGNED ID [7280]

*STATE CODE [11]

*SHRP SECTION ID [9267]

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: _____

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 04-26-91

<p>SHEET 3</p> <p>LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS</p>	<p>*STATE ASSIGNED ID [7280]</p> <p>*STATE CODE [17]</p> <p>*SHRP SECTION ID [9267]</p>
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1. Year Applicable 1988-1989

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: _____

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>04-26-91</u>	

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SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [7280]
	*STATE CODE [17]
	*SHRP SECTION ID [9267]

HIGHWAY RT. NO. (THIS COUNT) I 80 MILEPOST# (THIS COUNT) MP 5

LOCATION (THIS COUNT) S. OF I 80 FUNCTIONAL CLASS 01

BEGINNING DATE 10-23-87 ENDING DATE 10-23-87

BEGINNING TIME 0600 ENDING TIME 1200 DURATION (HRS) 6

TYPE OF COUNT: MANUAL ✓ AUTOMATED _____ NO. OF LANES COUNTED 4

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

EQUIPMENT NAME / MODEL # _____ 1,143 30

TOTAL NO. OF VEHICLES CLASSIFIED 3,871 # TRUCKS _____ % TRUCKS _____

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

VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER ✓ # 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>04-26-91</u>	

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [<u>7280</u>] *STATE CODE [<u>11</u>] *SHRP SECTION ID [<u>9267</u>]
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HIGHWAY RT. NO. (THIS COUNT) 180 MILEPOST# (THIS COUNT) MP 5

LOCATION (THIS COUNT) S. OF I 88 FUNCTIONAL CLASS 01

BEGINNING DATE 11-02-87 ENDING DATE 11-02-87

BEGINNING TIME 1200 ENDING TIME 1800 DURATION (HRS) 6

TYPE OF COUNT: MANUAL ✓ 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 4419 # TRUCKS 1484 % TRUCKS 34

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

VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER ✓ # 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>04-26-91</u>	

SHEET 6

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA

AGENCY DEFINED CLASSES

*STATE ASSIGNED ID [7280]

*STATE CODE [11]

*SHRP SECTION ID [9267]

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) I 80 MILEPOST # (THIS COUNT) MP 5

BEGINNING DATE 10-23-87 ENDING DATE 10-23-87

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>2728</u>		
B. <u>6 TIRE</u>	<u>112</u>		
C. <u>3A SU</u>	<u>34</u>		
D. <u>BUS</u>	<u>9</u>		
E. <u>3A MU</u>	<u>8</u>		
F. <u>4A MU</u>	<u>43</u>		
G. <u>5A MU</u>	<u>928</u>		
H. <u>6A+ MU</u>	<u>9</u>		
I. _____			
J. _____			
K. _____			
L. _____			
M. _____			
N. _____			
O. _____			
P. _____			
Q. _____			
R. _____			
S. _____			
T. _____			

GRAND TOTAL 3871

NAME OF PREPARER RAY L. RAMBO PHONE # 217/785-2999

DATE PREPARED 04-26-91

SHEET 6 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA AGENCY DEFINED CLASSES	*STATE ASSIGNED ID [<u>7280</u>] *STATE CODE [<u>11</u>] *SHRP SECTION ID [<u>9267</u>]
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FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS
HIGHWAY ROUTE NO. (THIS COUNT) I 80 MILEPOST # (THIS COUNT) 5
BEGINNING DATE 11-02-87 ENDING DATE 11-02-87
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>2,935</u>	-----	-----
B. <u>6-TIRE</u>	<u>151</u>	-----	-----
C. <u>3A SU</u>	<u>34</u>	-----	-----
D. <u>BUS</u>	<u>1</u>	-----	-----
E. <u>3A MU</u>	<u>8</u>	-----	-----
F. <u>4A MU</u>	<u>63</u>	-----	-----
G. <u>5A MU</u>	<u>1,209</u>	-----	-----
H. <u>6A+ MU</u>	<u>12</u>	-----	-----
I. _____	-----	-----	-----
J. _____	-----	-----	-----
K. _____	-----	-----	-----
L. _____	-----	-----	-----
M. _____	-----	-----	-----
N. _____	-----	-----	-----
O. _____	-----	-----	-----
P. _____	-----	-----	-----
Q. _____	-----	-----	-----
R. _____	-----	-----	-----
S. _____	-----	-----	-----
T. _____	-----	-----	-----

GRAND TOTAL 4,419

NAME OF PREPARER <u>RAY L. RAMBO</u>	PHONE # <u>217/785-2999</u>
DATE PREPARED <u>04-26-91</u>	

7 8 11

SHEET 7 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION CONVERSION CHART	*STATE ASSIGNED ID [<u>7280</u>] *STATE CODE [<u>11</u>] *SHRP SECTION ID [<u>9267</u>]
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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													

*

NAME OF PREPARER <u>RAY L. RAMBO</u>	PHONE # <u>217/785-2999</u>
DATE PREPARED <u>04-26-91</u>	