

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	NO STATE #
	*STATE ASSIGNED ID []
	*STATE CODE [17]
	*SHRP SECTION ID [5217]

SCANNED
JUN 10 2008
BY DB

STATE OR PROVINCE ILLINOIS COUNTY MCLEAN
HIGHWAY ROUTE NO. I 74 MILEPOST# MP 134
1 MILE S. OF 0.5 MILES
NEAREST CITY/TOWN BLOOMINGTON NEAREST INTERSECTION W. OF U.S. 51
FUNCTIONAL CLASS 12 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4
DIRECTION OF TRAVEL GPS LANE WEST DATE OPENED TO TRAF. 12-01-65
FIPS COUNTY CODE 113 FHWA STATION IDENTIFICATION NO. _____
HPMS SAMPLE NO. _____ HPMS SUBDIVISION NO. _____
TYPE OF PAVEMENT: AC _____ PCC J* OTHER _____
CONTROL OF ACCESS: YES J NO _____ MEDIAN: YES J NO _____
CURRENT SURROUNDING DEVELOPMENT:
URBAN _____ SUBURBAN _____ RURAL J
HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?
YES _____ NO J
IF YES, DESCRIBE CHANGES _____

*AC OVERLAY PENDING

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>05-07-91</u>	

SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES	No STATE #
	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [17] 5217
	*SHRP SECTION ID [_ _ _ _]

NOTE: PRIOR TO 1980 PANELS AND PICKUPS ARE 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	12,700	3,460	5,715	1,557	938
1988	12,100	3,300	5,445	1,485	895
1987	11,400	3,110	5,130	1,400	844
1986	10,400	2,910	4,680	1,310	790
1985	9,400	2,630	4,230	1,184	714
1984	9,100	2,550	4,095	1,148	694
1983	8,800	2,510	3,960	1,143	693
1982	8,700	2,500	3,915	1,125	545
1981	8,600	2,525	3,870	1,136	551
1980	8,300	2,525	3,735	1,136	556
1979	8,650	2,913	3,893	1,311	485
1978	8,350	2,950	3,758	1,328	493
1977	8,650	2,875	3,893	1,294	452
1976	8,100	2,850	3,645	1,283	431
1975	8,150	2,625	3,668	1,182	341
1974	7,975	2,413	3,589	1,086	312
1973	7,800	2,200	3,510	990	282
1972	4,750	1,988	2,138	895	252
1971	3,400	1,625	1,530	731	202
1970	2,900	1,300	1,305	585	162
1969	2,400	975	1,080	439	121
1968	2,000	650	900	293	81
1967	1,600	500	720	225	61
1966	1,600	500	720	225	61
1965	1,000	310	450	140	35

NAME OF PREPARER RAY L. RAMBO PHONE # 217/785-2999
DATE PREPARED 05-07-91

SHEET 3 LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS	No STATE #
	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [1 1]
	*SHRP SECTION ID [5 2 1 7]

1. Year Applicable 1965-1989, 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>05-07-91</u>	

<p>SHEET 3</p> <p>LTPP TRAFFIC DATA</p> <p>PROCEDURES FOR ESTIMATING</p> <p>ANNUAL AVERAGE VOLUMES AND</p> <p>TOTAL ANNUAL ESALS</p>	<p style="text-align: right;">No STATE #</p> <p>*STATE ASSIGNED ID [_ _ _]</p> <p>*STATE CODE [17]</p> <p>*SHRP SECTION ID [5217]</p>
---	---

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 <u>RAY L. RAMBO</u>	PHONE # <u>217/785-2999</u>
DATE PREPARED <u>05-07-91</u>	

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	NO STATE # *STATE ASSIGNED ID [<u> </u>] *STATE CODE [<u>17</u>] *SHRP SECTION ID [<u>52171</u>]
---	--

HIGHWAY RT. NO. (THIS COUNT) I 74 MILEPOST# (THIS COUNT) MP 134

LOCATION (THIS COUNT) W. OF US 51 FUNCTIONAL CLASS 12
 BEGINNING DATE 02-08-88 ENDING DATE 02-08-88
 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 3,112 # TRUCKS 1,105 % TRUCKS 36

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>05-07-91</u>	

8 of 10

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	<div style="text-align: right; font-size: small;">No STATE #</div> *STATE ASSIGNED ID [<u> </u>] *STATE CODE [<u>11</u>] *SHRP SECTION ID [<u>5217</u>]
---	--

HIGHWAY RT. NO. (THIS COUNT) I 74 MILEPOST# (THIS COUNT) MP 134

LOCATION (THIS COUNT) W. OF US 51 FUNCTIONAL CLASS 12
 BEGINNING DATE 02-09-88 ENDING DATE 02-09-88
 BEGINNING TIME 1200 ENDING TIME 1800 DURATION (HRS)

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 2,973 # TRUCKS 1,020 % 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>05-07-91</u>	

SHEET 6 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA AGENCY DEFINED CLASSES	NO STATE # *STATE ASSIGNED ID []
	*STATE CODE [17]
	*SHRP SECTION ID [5217]

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) I 74 MILEPOST # (THIS COUNT) 134BEGINNING DATE 02-08-88 ENDING DATE 02-06-88BEGINNING 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>2,007</u>		
B. <u>6-TIRE</u>	<u>100</u>		
C. <u>3A SU</u>	<u>27</u>		
D. <u>BUS</u>	<u>3</u>		
E. <u>3A MU</u>	<u>16</u>		
F. <u>4A MU</u>	<u>41</u>		
G. <u>5A MU</u>	<u>906</u>		
H. <u>6A+ MU</u>	<u>12</u>		
I. _____			
J. _____			
K. _____			
L. _____			
M. _____			
N. _____			
O. _____			
P. _____			
Q. _____			
R. _____			
S. _____			
T. _____			

GRAND TOTAL 3,112

NAME OF PREPARER <u>RAY L. RAMBO</u>	PHONE # <u>217/785-2999</u>
DATE PREPARED <u>05-07-91</u>	

9 of 10

<p>SHEET 6</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>AGENCY DEFINED CLASSES</p>	<p style="text-align: right;">No STATE #</p> <p>*STATE ASSIGNED ID [<u> </u>]</p> <p>*STATE CODE [<u>11</u>]</p> <p>*SHRP SECTION ID [<u>52171</u>]</p>
--	--

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) I 74 MILEPOST # (THIS COUNT) 134

BEGINNING DATE 02-09-88 ENDING DATE 02-09-88

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>1,953</u>	-----	-----
B. <u>6-TIRE</u>	<u>92</u>	-----	-----
C. <u>3A SU</u>	<u>19</u>	-----	-----
D. <u>BUS</u>	<u>0</u>	-----	-----
E. <u>3A MU</u>	<u>13</u>	-----	-----
F. <u>4A MU</u>	<u>100</u>	-----	-----
G. <u>5A MU</u>	<u>781</u>	-----	-----
H. <u>6A+ MU</u>	<u>15</u>	-----	-----
I. _____	-----	-----	-----
J. _____	-----	-----	-----
K. _____	-----	-----	-----
L. _____	-----	-----	-----
M. _____	-----	-----	-----
N. _____	-----	-----	-----
O. _____	-----	-----	-----
P. _____	-----	-----	-----
Q. _____	-----	-----	-----
R. _____	-----	-----	-----
S. _____	-----	-----	-----
T. _____	-----	-----	-----

GRAND TOTAL 2,973

NAME OF PREPARER <u>RAY L. RAMBO</u>	PHONE # <u>217/785-2999</u>
DATE PREPARED <u>05-07-91</u>	

7 of 10

SHEET 7 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION CONVERSION CHART	No STATE #
	*STATE ASSIGNED ID []
	*STATE CODE [17]
	*SHRP SECTION ID [5217]

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>05-07-91</u>