

SCANNED

JUN 17 2008
BY *[Signature]*

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [<u>1010</u>] *STATE CODE [<u>27</u>] *SHRP SECTION ID [<u>1023</u>]
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STATE OR PROVINCE MN COUNTY Beltrami
HIGHWAY ROUTE NO. TH 2 MILEPOST# 113.00
NEAREST CITY/TOWN Bemidji NEAREST INTERSECTION 0.5 Mi. N. CSAH 7
FUNCTIONAL CLASS 12 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4
DIRECTION OF TRAVEL GPS LANE EB DATE OPENED TO TRAF. - - - 82
FIPS COUNTY CODE 007 FHWA STATION IDENTIFICATION NO. _____
HPMS SAMPLE NO. none HPMS SUBDIVISION NO. _____
TYPE OF PAVEMENT: AC X PCC _____ 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>Curtis Dahlin</u>	PHONE # <u>(612) 296-6846</u>
DATE PREPARED <u>10-29-90</u>	

<p>SHEET 2</p> <p>LTPP TRAFFIC DATA</p> <p>TRAFFIC VOLUMES AND LOAD ESTIMATES</p>	<p>*STATE ASSIGNED ID [1010]</p> <p>*STATE CODE [27]</p> <p>*SHRP SECTION ID [1023]</p>
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YEAR	1.	2.	3.	4.	5.
	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT GPS LANE	ESTIMATED TOTAL TRUCKS AADT GPS LANE	ESTIMATED ESAL'S/YR GPS LANE (1000's)
1989			2445	485	213
1988			2022	341	150
1987			1587	321	141
1986			1461	294	129
1985			1252	194	82
1984			1219	233	107
1983			1100	200	88
1982			1000	180	79
1981					
1980					
1979					
1978					
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER <u>Curtis Dahlin</u>	PHONE # <u>(612) 296-6846</u>
DATE PREPARED <u>10-30-90</u>	

SHEET 3

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

*STATE ASSIGNED ID [1010]

*STATE CODE [27]

*SHRP SECTION ID [1023]

1. Year Applicable 82, 83

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: est. based on 84+85
counts

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: est. based on 84+85
counts

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
☐ System distribution factors.
☒ Other: est. based on 84+85
counts

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
☐ System distribution factors.
☒ Other: est. based on 84+85
counts

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
☐ ESAL/Vehicle class. (no. of classes)
☒ Other: est. based on 84+85
counts

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: est. based on 84+85
weights

(B) Weight Scale Type

- ☐ WIM scale.
☐ Static scale used for enforcement.
☐ Static scale not used for enforcement.
☒ Other: est. based on 84+85
data

NAME OF PREPARER Curtis DahlinPHONE # (612) 296-6846DATE PREPARED 10-30-90

SHEET 3

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

*STATE ASSIGNED ID [1010]

*STATE CODE [27]

*SHRP SECTION ID [1023]

1. Year Applicable 84, 85

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: Continuous Counts at permanent WIM

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: Continuous Counts at permanent WIM

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
☐ System distribution factors.
☒ Other: Continuous Counts at permanent WIM

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
☐ System distribution factors.
☒ Other: Continuous Counts at permanent WIM

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
☒ ESAL/Vehicle class. (no. of classes) 8
☐ Other: _____

7. ESAL ESTIMATES

(A) Source of Data close to

- ☒ 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: _____

(B) Weight Scale Type

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

NAME OF PREPARER Curtis DahlinPHONE # (612) 296-6846DATE PREPARED 10-30-90

SHEET 3

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

*STATE ASSIGNED ID [1010]

*STATE CODE [27]

*SHRP SECTION ID [1023]

1. Year Applicable 86, 87, 88, 89

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: used 1 week counts from permanent WIM

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 1 week counts from permanent WIM

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
☐ System distribution factors.
☒ Other: used 1 week counts from permanent WIM

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
☐ System distribution factors.
☒ Other: used one week counts from permanent WIM

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
☐ ESAL/Vehicle class. (no. of classes) _____
☒ Other: used 84 + 85 WIM data

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 84 + 85 WIM data

(B) Weight Scale Type

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

NAME OF PREPARER Curtis DahlinPHONE # (612) 296-6846DATE PREPARED 10-30-90

SHEET 5

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [1010]

*STATE CODE [27]

*SHRP SECTION ID [1023]

HIGHWAY RT. NO. (THIS COUNT) TH 2 MILEPOST# (THIS COUNT) 116LOCATION (THIS COUNT) 2.5 Mi. S. CSAH 7 FUNCTIONAL CLASS 12BEGINNING DATE 1-1-84 ENDING DATE 12-31-84BEGINNING TIME 00:00 ENDING TIME 00:00 DURATION (HRS) 8784TYPE OF COUNT: MANUAL _____ AUTOMATED X NO. OF LANES COUNTED 1TYPE OF EQUIP.: AVC PERM. _____ AVC PORT. _____ WIM PERM. X WIM PORT. _____EQUIPMENT NAME / MODEL # IRD Load Cell

TOTAL NO. OF VEHICLES CLASSIFIED _____ # TRUCKS _____ % TRUCKS _____

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

VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER X # 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)	_____	_____	_____
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 Curtis Dahlin PHONE # (612) 296-6846
DATE PREPARED 10-29-90

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [<u>1010</u>] *STATE CODE [<u>27</u>] *SHRP SECTION ID [<u>1023</u>]
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HIGHWAY RT. NO. (THIS COUNT) TH 2 MILEPOST# (THIS COUNT) 116

LOCATION (THIS COUNT) 2.5 Mi. S. CSAH 7 FUNCTIONAL CLASS 12

BEGINNING DATE 1-1-85 ENDING DATE 12-31-85

BEGINNING TIME 0000 ENDING TIME 0000 DURATION (HRS) 8760

TYPE OF COUNT: MANUAL _____ AUTOMATED X NO. OF LANES COUNTED 1

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

EQUIPMENT NAME / MODEL # IRD Load Cell

TOTAL NO. OF VEHICLES CLASSIFIED _____ # TRUCKS _____ % TRUCKS _____

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

VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER X # 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)	_____	_____	_____
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 Curtis Dahlin PHONE # (612) 296-6846
 DATE PREPARED 10-29-90

SHEET 5

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [1010]

*STATE CODE [27]

*SHRP SECTION ID [1023]

HIGHWAY RT. NO. (THIS COUNT) TH 2 MILEPOST# (THIS COUNT) 116LOCATION (THIS COUNT) 2.5 Mi. S. CSDH 7 FUNCTIONAL CLASS 12BEGINNING DATE 9-22-86 ENDING DATE 9-29-86BEGINNING TIME 1015 ENDING TIME 0753 DURATION (HRS) 166TYPE OF COUNT: MANUAL _____ AUTOMATED X NO. OF LANES COUNTED 1TYPE OF EQUIP.: AVC PERM. _____ AVC PORT. _____ WIM PERM. X WIM PORT. _____EQUIPMENT NAME / MODEL # IRD Load Cell

TOTAL NO. OF VEHICLES CLASSIFIED _____ # TRUCKS _____ % TRUCKS _____

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

VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER X # 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-WAYTOTAL NUMBER
OF VEHICLES
GPS DIRECTIONTOTAL 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 Curtis Dahlin PHONE # (612) 296-6846
DATE PREPARED 10-30-90

SHEET 5

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [1010]

*STATE CODE [27]

*SHRP SECTION ID [1023]

HIGHWAY RT. NO. (THIS COUNT) TH2 MILEPOST# (THIS COUNT) 116LOCATION (THIS COUNT) 2.5 Mi. S. CSAH 7 FUNCTIONAL CLASS 12BEGINNING DATE 8-10-87 ENDING DATE 8-17-87BEGINNING TIME 0811 ENDING TIME 1223 DURATION (HRS) 172TYPE OF COUNT: MANUAL _____ AUTOMATED X NO. OF LANES COUNTED 1TYPE OF EQUIP.: AVC PERM. _____ AVC PORT. _____ WIM PERM. X WIM PORT. _____EQUIPMENT NAME / MODEL # IRD Load Cell

TOTAL NO. OF VEHICLES CLASSIFIED _____ # TRUCKS _____ % TRUCKS _____

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

VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER X # 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)	_____	_____	_____
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 Curtis Dahlin PHONE # (612) 296-6846
DATE PREPARED 10-29-90

SHEET 5

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [1010]

*STATE CODE [27]

*SHRP SECTION ID [1023]

HIGHWAY RT. NO. (THIS COUNT) TH2 MILEPOST# (THIS COUNT) 116LOCATION (THIS COUNT) 2.5 Mi. S. CSAH 7 FUNCTIONAL CLASS 12BEGINNING DATE 8-15-88 ENDING DATE 8-22-88BEGINNING TIME 0813 ENDING TIME 0839 DURATION (HRS) 168TYPE OF COUNT: MANUAL _____ AUTOMATED X NO. OF LANES COUNTED 1TYPE OF EQUIP.: AVC PERM. _____ AVC PORT. _____ WIM PERM. X WIM PORT. _____EQUIPMENT NAME / MODEL # IRD Load Cell

TOTAL NO. OF VEHICLES CLASSIFIED _____ # TRUCKS _____ % TRUCKS _____

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

VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER X # 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)	_____	_____	_____
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 Curtis Dahlin PHONE # (612) 296-6846DATE PREPARED 10-30-90

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [<u>1010</u>] *STATE CODE [<u>27</u>] *SHRP SECTION ID [<u>1023</u>]
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HIGHWAY RT. NO. (THIS COUNT) TH2 MILEPOST# (THIS COUNT) 116

LOCATION (THIS COUNT) 2.5 M. S. CSAH 7 FUNCTIONAL CLASS 12

BEGINNING DATE 7-17-89 ENDING DATE 7-17-89

BEGINNING TIME 1058 ENDING TIME 1618 DURATION (HRS) 173

TYPE OF COUNT: MANUAL _____ AUTOMATED X NO. OF LANES COUNTED 1

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

EQUIPMENT NAME / MODEL # IRP Load Cell

TOTAL NO. OF VEHICLES CLASSIFIED _____ # TRUCKS _____ % TRUCKS _____

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

VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER X # 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)	_____	_____	_____
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>Curtis Dahlin</u>	PHONE # <u>(612) 296-6846</u>
DATE PREPARED <u>10-29-90</u>	

<p>SHEET 6</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>AGENCY DEFINED CLASSES</p>	<p>*STATE ASSIGNED ID [<u>1010</u>]</p> <p>*STATE CODE [<u>27</u>]</p> <p>*SHRP SECTION ID [<u>1023</u>]</p>
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FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) TH2 MILEPOST # (THIS COUNT) 116

BEGINNING DATE 1-1-84 ENDING DATE 12-31-84

BEGINNING TIME 00 00 ENDING TIME 0000 DURATION (HRS) 8784

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>Cars + Pickups</u>	_____	_____	<u>986</u>
B. <u>2 axle 6 Tire</u>	_____	_____	<u>35</u>
C. <u>3+4 axle single unit</u>	_____	_____	<u>25</u>
D. <u>3 axle semis</u>	_____	_____	<u>4</u>
E. <u>4 axle semis</u>	_____	_____	<u>8</u>
F. <u>5+ axle semis</u>	_____	_____	<u>148</u>
G. <u>Buses + Truck Trailers</u>	_____	_____	<u>12</u>
H. <u>Twins</u>	_____	_____	<u>1</u>
I. _____	_____	_____	_____
J. _____	_____	_____	_____
K. _____	_____	_____	_____
L. _____	_____	_____	_____
M. _____	_____	_____	_____
N. _____	_____	_____	_____
O. _____	_____	_____	_____
P. _____	_____	_____	_____
Q. _____	_____	_____	_____
R. _____	_____	_____	_____
S. _____	_____	_____	_____
T. _____	_____	_____	_____

GRAND TOTAL _____ 1219

NAME OF PREPARER <u>Curtis Dahlin</u>	PHONE # <u>(612) 296-6846</u>
DATE PREPARED <u>10-29-90</u>	

<p>SHEET 6</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>AGENCY DEFINED CLASSES</p>	<p>*STATE ASSIGNED ID [<u>1010</u>]</p> <p>*STATE CODE [<u>27</u>]</p> <p>*SHRP SECTION ID [<u>1023</u>]</p>
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FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) TH 2 MILEPOST # (THIS COUNT) 116

BEGINNING DATE 1-1-85 ENDING DATE 12-31-85

BEGINNING TIME 0000 ENDING TIME 0000 DURATION (HRS) 8760

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>Cars + Pickups</u>	-----	-----	<u>1058</u>
B. <u>2 axle 6 Tire</u>	-----	-----	<u>32</u>
C. <u>3+4 axle single unit</u>	-----	-----	<u>21</u>
D. <u>3 axle semis</u>	-----	-----	<u>3</u>
E. <u>4 axle semis</u>	-----	-----	<u>7</u>
F. <u>5+ axle semis</u>	-----	-----	<u>118</u>
G. <u>Buses + Truck Trailers</u>	-----	-----	<u>12</u>
H. <u>Twins</u>	-----	-----	<u>1</u>
I. _____	-----	-----	-----
J. _____	-----	-----	-----
K. _____	-----	-----	-----
L. _____	-----	-----	-----
M. _____	-----	-----	-----
N. _____	-----	-----	-----
O. _____	-----	-----	-----
P. _____	-----	-----	-----
Q. _____	-----	-----	-----
R. _____	-----	-----	-----
S. _____	-----	-----	-----
T. _____	-----	-----	-----

GRAND TOTAL 1252

NAME OF PREPARER <u>Curtis Dahlin</u>	PHONE # <u>(612) 296-6846</u>
DATE PREPARED <u>10-29-90</u>	

<p>SHEET 6</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>AGENCY DEFINED CLASSES</p>	<p>*STATE ASSIGNED ID [<u>1010</u>]</p> <p>*STATE CODE [<u>27</u>]</p> <p>*SHRP SECTION ID [<u>1023</u>]</p>
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FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) TH2 MILEPOST # (THIS COUNT) 116

BEGINNING DATE 9-22-86 ENDING DATE 9-29-86

BEGINNING TIME 1015 ENDING TIME 0753 DURATION (HRS) 166

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>Cars + Pickups</u>	-----	-----	<u>8167</u>
B. <u>2 axle 6 Tire</u>	-----	-----	<u>515</u>
C. <u>3+4 axle single unit</u>	-----	-----	<u>228</u>
D. <u>3 axle semis</u>	-----	-----	<u>45</u>
E. <u>4 axle semis</u>	-----	-----	<u>78</u>
F. <u>5+ axle semis</u>	-----	-----	<u>1050</u>
G. <u>Buses + Truck Trailers</u>	-----	-----	<u>136</u>
H. <u>Twins</u>	-----	-----	<u>9</u>
I. _____	-----	-----	-----
J. _____	-----	-----	-----
K. _____	-----	-----	-----
L. _____	-----	-----	-----
M. _____	-----	-----	-----
N. _____	-----	-----	-----
O. _____	-----	-----	-----
P. _____	-----	-----	-----
Q. _____	-----	-----	-----
R. _____	-----	-----	-----
S. _____	-----	-----	-----
T. _____	-----	-----	-----

GRAND TOTAL 10,228

NAME OF PREPARER <u>Curtis Dahlin</u>	PHONE # <u>(612) 296-6846</u>
DATE PREPARED <u>10-30-90</u>	

SHEET 6
LTPP TRAFFIC DATA
VEHICLE CLASSIFICATION DATA
AGENCY DEFINED CLASSES

*STATE ASSIGNED ID [1010]
 *STATE CODE [27]
 *SHRP SECTION ID [1023]

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) TH2 MILEPOST # (THIS COUNT) 116

BEGINNING DATE 8-10-87 ENDING DATE 8-17-87

BEGINNING TIME 0811 ENDING TIME 1223 DURATION (HRS) 172

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>Cars + Pickups</u>	-----	-----	<u>8868</u>
B. <u>2 axle 6 Tire</u>	-----	-----	<u>572</u>
C. <u>3+4 axle single unit</u>	-----	-----	<u>207</u>
D. <u>3 axle semis</u>	-----	-----	<u>49</u>
E. <u>4 axle semis</u>	-----	-----	<u>121</u>
F. <u>5+ axle semis</u>	-----	-----	<u>1103</u>
G. <u>Buses + Truck Trailers</u>	-----	-----	<u>183</u>
H. <u>Twins</u>	-----	-----	<u>9</u>
I. _____	-----	-----	-----
J. _____	-----	-----	-----
K. _____	-----	-----	-----
L. _____	-----	-----	-----
M. _____	-----	-----	-----
N. _____	-----	-----	-----
O. _____	-----	-----	-----
P. _____	-----	-----	-----
Q. _____	-----	-----	-----
R. _____	-----	-----	-----
S. _____	-----	-----	-----
T. _____	-----	-----	-----

GRAND TOTAL

11,112

NAME OF PREPARER Curtis Dahlin

PHONE # (612) 296-6846

DATE PREPARED 10-30-90

SHEET 6
LTPP TRAFFIC DATA
VEHICLE CLASSIFICATION DATA
AGENCY DEFINED CLASSES

*STATE ASSIGNED ID [1010]
*STATE CODE [27]
*SHRP SECTION ID [1023]

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) TH2 MILEPOST # (THIS COUNT) 116

BEGINNING DATE 8-15-88 ENDING DATE 8-22-88

BEGINNING TIME 0813 ENDING TIME 0839 DURATION (HRS) 168

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>Cars + Pickups</u>	-----	-----	<u>11,766</u>
B. <u>2 axle 6 Tire</u>	-----	-----	<u>542</u>
C. <u>3+4 axle single unit</u>	-----	-----	<u>197</u>
D. <u>3 axle semis</u>	-----	-----	<u>51</u>
E. <u>4 axle semis</u>	-----	-----	<u>139</u>
F. <u>5+ axle semis</u>	-----	-----	<u>1257</u>
G. <u>Buses + Truck Trailers</u>	-----	-----	<u>183</u>
H. <u>Twins</u>	-----	-----	<u>20</u>
I. _____	-----	-----	-----
J. _____	-----	-----	-----
K. _____	-----	-----	-----
L. _____	-----	-----	-----
M. _____	-----	-----	-----
N. _____	-----	-----	-----
O. _____	-----	-----	-----
P. _____	-----	-----	-----
Q. _____	-----	-----	-----
R. _____	-----	-----	-----
S. _____	-----	-----	-----
T. _____	-----	-----	-----

GRAND TOTAL

14,155

NAME OF PREPARER Curtis Dahlin

PHONE # (612) 296-6846

DATE PREPARED 10-30-90

SHEET 6 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA AGENCY DEFINED CLASSES	*STATE ASSIGNED ID [<u>1010</u>] *STATE CODE [<u>27</u>] *SHRP SECTION ID [<u>1023</u>]
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FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS
 HIGHWAY ROUTE NO. (THIS COUNT) TH 2 MILEPOST # (THIS COUNT) 116
 BEGINNING DATE 7-17-89 ENDING DATE 7-24-89
 BEGINNING TIME 1058 ENDING TIME 1618 DURATION (HRS) 173

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>Cars + Pickups</u>	-----	-----	<u>13,723</u>
B. <u>2 axle 6 Tire</u>	-----	-----	<u>567</u>
C. <u>3+4 axle single unit</u>	-----	-----	<u>327</u>
D. <u>3 axle semis</u>	-----	-----	<u>69</u>
E. <u>4 axle semis</u>	-----	-----	<u>140</u>
F. <u>5+ axle semis</u>	-----	-----	<u>1994</u>
G. <u>Buses + Truck Trailers</u>	-----	-----	<u>281</u>
H. <u>Trains</u>	-----	-----	<u>15</u>
I. _____	-----	-----	-----
J. _____	-----	-----	-----
K. _____	-----	-----	-----
L. _____	-----	-----	-----
M. _____	-----	-----	-----
N. _____	-----	-----	-----
O. _____	-----	-----	-----
P. _____	-----	-----	-----
Q. _____	-----	-----	-----
R. _____	-----	-----	-----
S. _____	-----	-----	-----
T. _____	-----	-----	-----

GRAND TOTAL ----- 17,116

NAME OF PREPARER <u>Curtis Dahlin</u>	PHONE # <u>(612) 296-6846</u>
DATE PREPARED <u>10-29-90</u>	

SHEET 7
LTPP TRAFFIC DATA
VEHICLE CLASSIFICATION
CONVERSION CHART

*STATE ASSIGNED ID [1010]
*STATE CODE [27]
*SHRP SECTION ID [1023]

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 1960 TO 1989

FHWA CLASSES													
SHA CLASS	1-3	4	5	6	7	8	9	10	11	12	13	OTHER	TOTAL
A	100												100
B			100										100
C				90	10								100
D						100							100
E						100							100
F							96	4					100
G		50				5	40	5					100
H									94	6			100
I													
J													
K													
L													
M													
N													
O													
P													
Q													
R													
S													
T													
TOTAL													

NAME OF PREPARER Curtis Dahlin PHONE # (612)-296-6846
DATE PREPARED 10-30-90