

<b>SHEET 1</b> <b>LTPP TRAFFIC DATA</b> <b>SUMMARY TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ <u>0000</u> ] *STATE CODE [ <u>27</u> ] *SHRP SECTION ID [ <u>9075</u> ]
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STATE OR PROVINCE MN COUNTY Renville  
 HIGHWAY ROUTE NO. 71 MILEPOST# 103.13  
 NEAREST CITY/TOWN 4.0 Mi. N. of Olivia NEAREST INTERSECTION 0.2 Mi. N. of CSAH  
 FUNCTIONAL CLASS 02 NO. LANES EACH DIRECTION 1 TOTAL NO. LANES 2  
 DIRECTION OF TRAVEL GPS LANE NB DATE OPENED TO TRAF. - - - 77  
 FIPS COUNTY CODE 129 FHWA STATION IDENTIFICATION NO. \_\_\_\_\_  
 HPMS SAMPLE NO. \_\_\_\_\_ HPMS SUBDIVISION NO. \_\_\_\_\_  
 TYPE OF PAVEMENT: AC \_\_\_\_\_ PCC X OTHER \_\_\_\_\_  
 CONTROL OF ACCESS: YES \_\_\_\_\_ NO X MEDIAN: YES \_\_\_\_\_ NO X  
 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> DATE PREPARED <u>10-25-90</u>	PHONE # <u>(612) 296-6846</u>
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Entered  
Sheet 10

<b>SHEET 2</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUMES</b> <b>AND LOAD ESTIMATES</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ 27 ] *SHRP SECTION ID [ 9075 ]
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1997

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)
<del>1989</del>	2350	240	1175	120	54
1988					
1987					
1986					
1985					
1984					
1983					
1982					
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>(651) 296-6846</u>
DATE PREPARED <u>6-4-99</u>	

**SHEET 2  
LTPP TRAFFIC DATA**

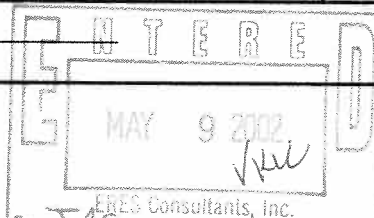
**TRAFFIC VOLUMES  
AND LOAD ESTIMATES**

\*STATE ASSIGNED ID [ 9003 ]  
 \*STATE CODE [ 27 ]  
 \*SHRP SECTION ID [ 9075 ]

*YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT LTPP LANE	*4. ESTIMATED TOTAL TRUCKS AADT LTPP LANE	*5. ESTIMATED ESALS/YEAR LTPP LANE (1000'S)
1989					
1988					
1987					
1986					
1985					
1984					
1983					
1982					
1981					
1980					
1979					
1978					
1977					
1976	2200	190	1100	95	40
1975	2060	200	1030	100	45
1974	1920	215	960	105	45
1973	1965	225	980	110	50
1972	1990	240	995	120	55
1971	2000	240	1000	120	55
1970	2000	240	1000	120	55
1969	1890	300	945	150	65
1968	1780	360	890	180	80
1967	1890	370	945	185	85
1966	2000	380	1000	190	85
1965	2025	360	1010	180	80

NAME OF PREPARER Curtis Dahlin  
 DATE PREPARED 3-18-02

PHONE # (651) 296-6846  
 Rev. March 12, 2001



<p><b>SHEET 2</b></p> <p><b>LTPP TRAFFIC DATA</b></p> <p><b>TRAFFIC VOLUMES AND LOAD ESTIMATES</b></p>	<p>*STATE ASSIGNED ID [ <u>9003</u> ]</p> <p>*STATE CODE [ <u>27</u> ]</p> <p>*SHRP SECTION ID [ <u>9075</u> ]</p>
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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	2310	290	1155	145	65
1988	2200	280	1100	140	62
1987	2250	275	1125	140	62
1986	2300	270	1150	135	60
1985	2175	250	1090	125	56
1984	2050	235	1025	120	53
1983	2050	240	1025	120	53
1982	2050	250	1025	125	56
1981	2025	330	1025	165	73
1980	2000	410	1000	205	91
1979	2125	370	1060	185	82
1978	2250	330	1125	165	73
1977	2205	260	1100	130	58
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>10-25-90</u>	

**SHEET 2**  
**LTPP TRAFFIC DATA**  
**TRAFFIC VOLUMES**  
**AND LOAD ESTIMATES**

\*STATE ASSIGNED ID [9003]  
\*STATE CODE [27]  
\*SHRP SECTION ID [9075]

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	2310	290	1155	145	65
1988	2200	280	1100	140	62
1987	2250	275	1125	140	62
1986	2300	270	1150	135	60
1985	2175	250	1090	125	56
1984	2050	235	1025	120	53
1983	2050	240	1025	120	53
1982	2050	250	1025	125	56
1981	2025	330	1025	165	73
1980	2000	410	1000	205	91
1979	2125	370	1060	185	82
1978	2250	330	1125	165	73
1977	2205	260	1100	130	58
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER Curtis Dahlin PHONE # (612) 296-6846  
DATE PREPARED 10-25-90

## SHEET 3

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

\*STATE ASSIGNED ID [ 42 ]

\*STATE CODE [ 27 ]

\*SHRP SECTION ID [ 475 ]

1. Year Applicable 77, 79, 81, 83, 85, 87

## 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: interpolated between even yr. est.

## 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) 8  
☐ 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: \_\_\_\_\_

### (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 10-25-90

## SHEET 3

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

\*STATE ASSIGNED ID [ 7003 ]

\*STATE CODE [ 27 ]

\*SHRP SECTION ID [ 7015 ]

1. Year Applicable 78, 80, 82, 84,  
86, 88

## 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: \_\_\_\_\_

78-84 no axle corrected

## 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) 8
- ☐ 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: \_\_\_\_\_

### (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 10-25-90

## SHEET 3

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

\*STATE ASSIGNED ID [1190]

\*STATE CODE [27]

\*SHRP SECTION ID [1115]

1. Year Applicable 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: \_\_\_\_\_

## 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: Growth factored last year's est.

## 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) 8  
☐ 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: \_\_\_\_\_

## (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 10-25-90



<p align="center"><b>SHEET 4</b></p> <p align="center"><b>LTPP TRAFFIC DATA</b></p> <p align="center"><b>TRAFFIC VOLUME COUNTS</b></p>	*STATE ASSIGNED ID [ <u>1000</u> ]
	*STATE CODE [ <u>27</u> ]
	*SHRP SECTION ID [ <u>1000</u> ]

HIGHWAY ROUTE NO. (THIS COUNT) TH 71

MILEPOST# OR LOCATION (THIS COUNT) 103 N. of CSAH 11

BEGINNING DATE 4-19-88 ENDING DATE 4-21-88

BEGINNING TIME 13:20 ENDING TIME 13:20

COUNT DURATION 48 [X] HOURS [ ] DAYS [ ] MONTHS

TYPE OF COUNTER \_\_\_\_\_ NAME/MODEL # \_\_\_\_\_

TYPE OF COUNT: TWO-WAY X ONE DIRECTION ONLY \_\_\_\_\_ GPS TEST LANE ONLY \_\_\_\_\_

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>4714</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>.50</u>
B. AXLE CORRECTION FACTOR		<u>.90</u>
C. DAY OF WEEK FACTOR		<u>-----</u>
D. MONTH FACTOR		<u>1.034</u>
E. OTHER FACTOR ( <u>Seasonal Factor</u> )		<u>-----</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>2193</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>.50</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>-----</u>
6. AADT GPS LANE		<u>1100</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Curtis Dahlin</u>	PHONE # <u>(612) 296-6846</u>
DATE PREPARED <u>10-25-90</u>	

<b>SHEET 5</b> <b>LTPP TRAFFIC DATA</b> <b>VEHICLE CLASSIFICATION DATA</b> <b>FHWA 13-CLASS SYSTEM</b>	*STATE ASSIGNED ID [ <u>2002</u> ] *STATE CODE [ <u>27</u> ] *SHRP SECTION ID [ <u>7075</u> ]
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HIGHWAY RT. NO. (THIS COUNT) TH 71 MILEPOST# (THIS COUNT) 100

LOCATION (THIS COUNT) N. of TH 712 FUNCTIONAL CLASS 02

BEGINNING DATE 75 ENDING DATE 78

BEGINNING TIME 0600 ENDING TIME 2200 DURATION (HRS) 16 factored to 24

TYPE OF COUNT: MANUAL X AUTOMATED \_\_\_\_\_ NO. OF LANES COUNTED 2

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

EQUIPMENT NAME / MODEL # \_\_\_\_\_

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	_____	_____	_____
<b>GRAND TOTAL</b>	_____	_____	_____

NAME OF PREPARER <u>Curtis Dahlin</u>	PHONE # <u>(612) 296-6846</u>
DATE PREPARED <u>10-25-90</u>	

<b>SHEET 5</b>  <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE CLASSIFICATION DATA</b> <b>FHWA 13-CLASS SYSTEM</b>	*STATE ASSIGNED ID [ <u>7072</u> ] *STATE CODE [ <u>27</u> ] *SHRP SECTION ID [ <u>7072</u> ]
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HIGHWAY RT. NO. (THIS COUNT) TH 71 MILEPOST# (THIS COUNT) 100

LOCATION (THIS COUNT) N. of TH 212 FUNCTIONAL CLASS 02

BEGINNING DATE 88 ENDING DATE 88

BEGINNING TIME 0600 ENDING TIME 2200 DURATION (HRS) 16 *Entered for 4 days*

TYPE OF COUNT: MANUAL X AUTOMATED \_\_\_\_\_ NO. OF LANES COUNTED 2 *for 1 week*

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

EQUIPMENT NAME / MODEL # \_\_\_\_\_

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	_____	_____	_____
<b>GRAND TOTAL</b>	_____	_____	_____

NAME OF PREPARER <u>Curtis Dahlin</u>	PHONE # <u>(612) 296-6846</u>
DATE PREPARED <u>10-25-90</u>	

**SHEET 6**  
**LTPP TRAFFIC DATA**  
**VEHICLE CLASSIFICATION DATA**  
**AGENCY DEFINED CLASSES**

\*STATE ASSIGNED ID [ 7500 ]  
 \*STATE CODE [ 27 ]  
 \*SHRP SECTION ID [ 1000 ]

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) TH 71 MILEPOST # (THIS COUNT) 100

BEGINNING DATE 78 ENDING DATE 78  
 BEGINNING TIME 0600 ENDING TIME 2200 DURATION (HRS) 16 hrs. have been factored to 24 hrs. + adjusted for weekends

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>1962</u>	<u>981</u>	<u>981</u>
B. <u>2 axle 6 Tire</u>	<u>88</u>	<u>44</u>	<u>44</u>
C. <u>3+4 axle single unit</u>	<u>25</u>	<u>12</u>	<u>12</u>
D. <u>3 axle semis</u>	<u>13</u>	<u>7</u>	<u>7</u>
E. <u>4 axle semis</u>	<u>12</u>	<u>6</u>	<u>6</u>
F. <u>5+ axle semis</u>	<u>135</u>	<u>68</u>	<u>68</u>
G. <u>Buses + Truck Trailers</u>	<u>56</u>	<u>28</u>	<u>28</u>
H. <u>Twin Trailers</u>			
I. _____			
J. _____			
K. _____			
L. _____			
M. _____			
N. _____			
O. _____			
P. _____			
Q. _____			
R. _____			
S. _____			
T. _____			

GRAND TOTAL 2291 1146 1146

NAME OF PREPARER Curtis Dehlin PHONE # (612) 296-6846  
 DATE PREPARED 10-25-90

<p><b>SHEET 6</b></p> <p><b>LTPP TRAFFIC DATA</b></p> <p><b>VEHICLE CLASSIFICATION DATA</b></p> <p><b>AGENCY DEFINED CLASSES</b></p>	<p>*STATE ASSIGNED ID [ <u>9003</u> ]</p> <p>*STATE CODE [ <u>27</u> ]</p> <p>*SHRP SECTION ID [ <u>1073</u> ]</p>
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FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) TH 71 MILEPOST # (THIS COUNT) 100

BEGINNING DATE 88 ENDING DATE 88 DURATION (HRS) 16 hrs. have been  
 BEGINNING TIME 0600 ENDING TIME 2200 factored to 24 hrs.  
+ adjuste for weekends

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>1909</u>	<u>955</u>	<u>955</u>
B. <u>2 axle 6 Tire</u>	<u>53</u>	<u>27</u>	<u>27</u>
C. <u>3+4 axle single unit</u>	<u>26</u>	<u>13</u>	<u>13</u>
D. <u>3 axle semis</u>	<u>2</u>	<u>1</u>	<u>1</u>
E. <u>4 axle semis</u>	<u>5</u>	<u>2</u>	<u>2</u>
F. <u>5+ axle semis</u>	<u>196</u>	<u>98</u>	<u>98</u>
G. <u>Buses + Truck Trailers</u>	<u>9</u>	<u>4</u>	<u>4</u>
H. <u>Twin Trailers</u>			
I. _____			
J. _____			
K. _____			
L. _____			
M. _____			
N. _____			
O. _____			
P. _____			
Q. _____			
R. _____			
S. _____			
T. _____			

GRAND TOTAL 2200 1100 1100

NAME OF PREPARER <u>Curtis Dehlin</u>	PHONE # <u>(612) 296-6846</u>
DATE PREPARED <u>10-25-90</u>	

SHEET 7  
LTPP TRAFFIC DATA  
VEHICLE CLASSIFICATION  
CONVERSION CHART

\*STATE ASSIGNED ID [ 2003 ]  
\*STATE CODE [ 27 ]  
\*SHRP SECTION ID [ 1075 ]

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)-796-6846  
DATE PREPARED 10-25-90

SHEET 14 LTPP TRAFFIC DATA LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM	*STATE ASSIGNED ID [ <u>9003</u> ]
	*STATE CODE [ <u>27</u> ]
	*SHRP SECTION ID [ <u>9075</u> ]

LOCATION OLIVIA, Mn TYPE EQUIP. PIEZO

MP # 103.45 MODEL # IRD

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
		None recorded for	Mark Novak	612/ 296-2607	
		this period.			
		Note: Site was			
		disconnected. N/A/96			
		data available			
		after 6/6/96.			

LOG OF CHANGES AT GPS TEST  
LOCATIONS WITH PERM. AVC OR WIM

\*STATE CODE [ 27 ]

\*SHRP SECTION ID [ 9075 ]

TYPE EQUIP. Piezo

MODEL # IRD

[illegible]



**SHEET 14**  
**LTPP TRAFFIC DATA**

**LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM**

\*STATE ASSIGNED ID [ 9003 ]

\*STATE CODE [ 27 ]

\*SHRP SECTION ID [ 9075 ]

LOCATION TH 71 Oliva, MN TYPE EQUIP. Piezo

MP # 103.446 MODEL # FRD

[illegible]