

344

1

Contains notes

<b>SHEET 1</b> <b>LTPP TRAFFIC DATA</b> <b>SUMMARY TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ <u>26</u> ] *SHRP SECTION ID [ <u>3069</u> ] + <u>3068</u>
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STATE OR PROVINCE Michigan COUNTY Clare

HIGHWAY ROUTE NO. US-10 MILEPOST# N/A

NEAREST CITY/TOWN 3 Mi. N. of Farwell NEAREST INTERSECTION 0.5 Mi. E. of M-115

FUNCTIONAL CLASS 02 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4

DIRECTION OF TRAVEL GPS LANE WB DATE OPENED TO TRAF. 11-10-75

FIPS COUNTY CODE 18 FHWA STATION IDENTIFICATION NO. 74

HPMS SAMPLE NO. \_\_\_\_\_ HPMS SUBDIVISION NO. \_\_\_\_\_

TYPE OF PAVEMENT: AC \_\_\_\_\_ PCC X OTHER JPCP

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>Phillip R. Lamb</u>	PHONE # <u>517-335-2903</u>
DATE PREPARED <u>2/22/91</u>	

344

<b>SHEET 1</b> <b>LTPP TRAFFIC DATA</b> <b>SUMMARY TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID [ <u>3069</u> ] + <u>3068</u>

STATE OR PROVINCE Michigan COUNTY Clare  
HIGHWAY ROUTE NO. US-10 MILEPOST# N/A  
NEAREST CITY/TOWN 3 Mi. N. of Farwell NEAREST INTERSECTION 0.5 Mi. E. of M-115  
FUNCTIONAL CLASS 02 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4  
DIRECTION OF TRAVEL GPS LANE WB DATE OPENED TO TRAF. 11-10-75 01/21/77  
FIPS COUNTY CODE 18 FHWA STATION IDENTIFICATION NO. 74  
HPMS SAMPLE NO. \_\_\_\_\_ HPMS SUBDIVISION NO. \_\_\_\_\_  
TYPE OF PAVEMENT: AC \_\_\_\_\_ PCC X OTHER JPCP  
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>Phillip A. Lamo</u>	PHONE # <u>517-335-2903</u>
DATE PREPARED <u>8/12/92</u>	



## TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE - NO SITE COUNT

\*SHRP SECTION ID [3069]

YEAR	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)
1974	100	10	43	4	2

☐ WIM Scale.  
☐ Static scale used for enforcement.  
☐ Static scale not used for enforcement.  
☐ Other \_\_\_\_\_

NAME OF PREPARER Phillip R. Lamb PHONE # 517-335-2943  
DATE PREPARED 8/12/92

(3+7)

SHEET 10  
LTPP TRAFFIC DATA

TRAFFIC VOLUME AND LOAD  
ESTIMATE UPDATE - NO SITE COUNT

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [ 26 ]

\*SHRP SECTION ID [ 3069 ]  
\* 3068

## 1. ANNUAL TRAFFIC ESTIMATES

YEAR	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)
1995	400	40	170	17	6

2. METHOD FOR ESTIMATING TOTAL VEHICLE  
AADT (TWO-WAY)

- ☐ Growth factored last year's estimate.  
☒ Estimated based on volume counts at nearby locations.  
☐ Used computerized network analysis.  
☐ Other \_\_\_\_\_

3. METHOD FOR ESTIMATING TOTAL TRUCK  
AADT (TWO-WAY)

- ☐ Used system average from counts taken this year.  
☒ Used count data from nearby sites.  
☐ Used count data from previous years at GPS site.  
☐ Used system averages from previous year counts.  
☐ Used computerized network analysis.  
☐ Other \_\_\_\_\_

4. METHOD FOR ESTIMATING TOTAL VEHICLES  
GPS LANE AADT

- ☒ System distribution factors.  
☐ Other \_\_\_\_\_

5. METHOD FOR ESTIMATING TOTAL  
TRUCKS, GPS LANE, AADT

- ☒ System distribution factors.  
☐ Other \_\_\_\_\_

6. METHOD FOR ESTIMATING ESAL/YEAR  
IN GPS LANE

- ☒ ESAL/Truck factor.  
☐ ESAL/vehicle class factors -  
 Number of classes  
☐ Other \_\_\_\_\_

## 7. ESAL ESTIMATES - SOURCE OF DATA

- ☐ Prior years data collected at GPS site.  
☐ Current year system average.  
☐ Prior year system average.  
☒ Historical W-4 tables.  
☐ Other \_\_\_\_\_

## 8. WEIGHT SCALE TYPE

- ☐ WIM Scale.  
☐ Static scale used for enforcement.  
☐ Static scale not used for enforcement.  
☐ Other \_\_\_\_\_

NAME OF PREPARER Phillip R. Lamb PHONE # 517-335-2903  
 DATE PREPARED 8/12/92 Dave Smiley-Design  
517-335-1904

## LTPP TRAFFIC DATA

\*STATE CODE [26]

\*SHRP SECTION ID + [3069]  
                              + [3068]

## 1. ANNUAL TRAFFIC ESTIMATES

YEAR	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)
1976	2,600	210	1,105	89	32

## 2. METHOD FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY)

- X** Growth factored last year's estimate.  
**X** Estimated based on volume counts at nearby locations.  
 Used computerized network analysis.  
 Other \_\_\_\_\_

### 3. METHOD FOR ESTIMATING TOTAL TRUCK AADT (TWO-WAY)

- ADDT (TWO-WAY)**
- ☐ Used system average from counts taken this year.
- ☒ Used count data from nearby sites.
- ☐ Used count data from previous years at GPS site.
- ☐ Used system averages from previous year counts.
- ☐ Used computerized network analysis.
- ☐ Other \_\_\_\_\_

#### 4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT

- ☒ System distribution factors.  
☐ Other \_\_\_\_\_

## 5. METHOD FOR ESTIMATING TOTAL TRUCKS, GPS LANE, AADT

- System distribution factors.**

## 6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE

- ☒ ESAL/Truck factor.  
☐ ESAL/vehicle class factors -  
 Number of classes  
☐ Other \_\_\_\_\_

## 7. ESAL ESTIMATES - SOURCE OF DATA

- ☐ Prior years data collected at GPS site.  
☐ Current year system average.  
☐ Prior year system average.  
☒ Historical W-4 tables.  
☐ Other \_\_\_\_\_

### 8. WEIGHT SCALE TYPE

- ☐ WIM Scale.  
☐ Static scale used for enforcement.  
☐ Static scale not used for enforcement.  
☐ Other \_\_\_\_\_

NAME OF PREPARER Phillip R. Lamb PHONE # 517-335-2903

NAME OF PREPARER \_\_\_\_\_  
DATE PREPARED 2/22/91 Dave Smiley - Design  
517-335-1904

<p style="margin: 0;">SHEET <u>10</u></p> <p style="margin: 0;">LTPP TRAFFIC DATA</p> <p style="margin: 0;">TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE - NO SITE COUNT</p>	<p>*STATE ASSIGNED ID [ _ _ _ _ ]</p> <p>*STATE CODE <u>[26]</u></p> <p>*SHRP SECTION ID + <u>[3069]</u> <u>306B</u></p>
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1. ANNUAL TRAFFIC ESTIMATES

YEAR	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)
<u>1977</u>	<u>3,400</u>	<u>270</u>	<u>1,445</u>	<u>115</u>	<u>42</u>

2. METHOD FOR ESTIMATING TOTAL VEHICLE  
AADT (TWO-WAY)

- ☒ Growth factored last year's estimate.
- ☒ Estimated based on volume counts at nearby locations.
- ☐ Used computerized network analysis.
- ☐ Other \_\_\_\_\_

5. METHOD FOR ESTIMATING TOTAL  
TRUCKS, GPS LANE, AADT

- ☒ System distribution factors.
- ☐ Other \_\_\_\_\_

3. METHOD FOR ESTIMATING TOTAL TRUCK  
AADT (TWO-WAY)

- ☐ Used system average from counts taken this year.
- ☒ Used count data from nearby sites.
- ☐ Used count data from previous years at GPS site.
- ☐ Used system averages from previous year counts.
- ☐ Used computerized network analysis.
- ☐ Other \_\_\_\_\_

6. METHOD FOR ESTIMATING ESAL/YEAR  
IN GPS LANE

- ☒ ESAL/Truck factor.
- ☐ ESAL/vehicle class factors -  
Number of classes \_\_\_\_\_
- ☐ Other \_\_\_\_\_

4. METHOD FOR ESTIMATING TOTAL VEHICLES  
GPS LANE AADT

- ☒ System distribution factors.
- ☐ Other \_\_\_\_\_

7. ESAL ESTIMATES - SOURCE OF DATA

- ☐ Prior years data collected at GPS site.
- ☐ Current year system average.
- ☐ Prior year system average.
- ☒ Historical W-4 tables.
- ☐ Other \_\_\_\_\_

8. WEIGHT SCALE TYPE

- ☐ WIM Scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☐ Other \_\_\_\_\_

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2903</u>
DATE PREPARED <u>2/22/91</u>	<u>Dave Smiley - Design</u> <u>517-335-1904</u>

SHEET <sup>2</sup> 10  
LTPP TRAFFIC DATA  
TRAFFIC VOLUME AND LOAD  
ESTIMATE UPDATE - NO SITE COUNT

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [ 26 ]

\*SHRP SECTION ID x [ 3069 / 3068 ]

1. ANNUAL TRAFFIC ESTIMATES

YEAR	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)
1978	3,900	280	1,658	119	43

2. METHOD FOR ESTIMATING TOTAL VEHICLE  
AADT (TWO-WAY)

- ☒ Growth factored last year's estimate.  
☒ Estimated based on volume counts at nearby locations.  
☐ Used computerized network analysis.  
☐ Other \_\_\_\_\_

5. METHOD FOR ESTIMATING TOTAL  
TRUCKS, GPS LANE, AADT

- ☒ System distribution factors.  
☐ Other \_\_\_\_\_

3. METHOD FOR ESTIMATING TOTAL TRUCK  
AADT (TWO-WAY)

- ☐ Used system average from counts taken this year.  
☒ Used count data from nearby sites.  
☐ Used count data from previous years at GPS site.  
☐ Used system averages from previous year counts.  
☐ Used computerized network analysis.  
☐ Other \_\_\_\_\_

6. METHOD FOR ESTIMATING ESAL/YEAR  
IN GPS LANE

- ☒ ESAL/Truck factor.  
☐ ESAL/vehicle class factors -  
Number of classes  
☐ Other \_\_\_\_\_

4. METHOD FOR ESTIMATING TOTAL VEHICLES  
GPS LANE AADT

- ☒ System distribution factors.  
☐ Other \_\_\_\_\_

7. ESAL ESTIMATES - SOURCE OF DATA

- ☐ Prior years data collected at GPS site.  
☐ Current year system average.  
☐ Prior year system average.  
☒ Historical W-4 tables.  
☐ Other \_\_\_\_\_

8. WEIGHT SCALE TYPE

- ☐ WIM Scale.  
☐ Static scale used for enforcement.  
☐ Static scale not used for enforcement.  
☐ Other \_\_\_\_\_

NAME OF PREPARER Phillip R. Lamb PHONE # 517-335-2903

DATE PREPARED 2/22/91 Dave Smiley-Design

517-335-1904



<p><b>SHEET 10</b></p> <p><b>LTPP TRAFFIC DATA</b></p> <p><b>TRAFFIC VOLUME AND LOAD</b></p> <p><b>ESTIMATE UPDATE - NO SITE COUNT</b></p>	<p>*STATE ASSIGNED ID [ _ _ _ _ ]</p> <p>*STATE CODE [ <u>26</u> ]</p> <p>*SHRP SECTION ID <u>4</u> [ <u>3069</u> - ]</p>
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**1. ANNUAL TRAFFIC ESTIMATES**

YEAR	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)
<u>1999</u>	<u>3,600</u>	<u>380</u>	<u>1,530</u>	<u>162</u>	<u>59</u>

**2. METHOD FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY)**

- ☒ Growth factored last year's estimate.
- ☒ Estimated based on volume counts at nearby locations.
- ☐ Used computerized network analysis.
- ☐ Other \_\_\_\_\_

**5. METHOD FOR ESTIMATING TOTAL TRUCKS, GPS LANE, AADT**

- ☒ System distribution factors.
- ☐ Other \_\_\_\_\_

**3. METHOD FOR ESTIMATING TOTAL TRUCK AADT (TWO-WAY)**

- ☐ Used system average from counts taken this year.
- ☒ Used count data from nearby sites.
- ☐ Used count data from previous years at GPS site.
- ☐ Used system averages from previous year counts.
- ☐ Used computerized network analysis.
- ☐ Other \_\_\_\_\_

**6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE**

- ☒ ESAL/Truck factor.
- ☐ ESAL/vehicle class factors -  
Number of classes \_\_\_\_\_
- ☐ Other \_\_\_\_\_

**4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT**

- ☒ System distribution factors.
- ☐ Other \_\_\_\_\_

**7. ESAL ESTIMATES - SOURCE OF DATA**

- ☐ Prior years data collected at GPS site.
- ☐ Current year system average.
- ☐ Prior year system average.
- ☒ Historical W-4 tables.
- ☐ Other \_\_\_\_\_

**8. WEIGHT SCALE TYPE**

- ☐ WIM Scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☐ Other \_\_\_\_\_

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2903</u>
DATE PREPARED <u>2/22/91</u>	<u>Dave Smiley - Design</u>
<u>517-335-1904</u>	

<p><b>SHEET 10</b></p> <p><b>LTPP TRAFFIC DATA</b></p> <p><b>TRAFFIC VOLUME AND LOAD</b></p> <p><b>ESTIMATE UPDATE - NO SITE COUNT</b></p>	<p>*STATE ASSIGNED ID [ _ _ _ _ ]</p> <p>*STATE CODE [ <u>26</u> ]</p> <p>*SHRP SECTION ID x [ <u>3069</u> ] [ <u>3068</u> ]</p>
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**1. ANNUAL TRAFFIC ESTIMATES**

YEAR	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)
<u>1980</u>	<u>3,600</u>	<u>380</u>	<u>1,530</u>	<u>162</u>	<u>59</u>

**2. METHOD FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY)**

- ☒ Growth factored last year's estimate.
- ☒ Estimated based on volume counts at nearby locations.
- ☐ Used computerized network analysis.
- ☐ Other \_\_\_\_\_

**3. METHOD FOR ESTIMATING TOTAL TRUCK AADT (TWO-WAY)**

- ☐ Used system average from counts taken this year.
- ☒ Used count data from nearby sites.
- ☐ Used count data from previous years at GPS site.
- ☐ Used system averages from previous year counts.
- ☐ Used computerized network analysis.
- ☐ Other \_\_\_\_\_

**4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT**

- ☒ System distribution factors.
- ☐ Other \_\_\_\_\_

**5. METHOD FOR ESTIMATING TOTAL TRUCKS, GPS LANE, AADT**

- ☒ System distribution factors.
- ☐ Other \_\_\_\_\_

**6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE**

- ☒ ESAL/Truck factor.
- ☐ ESAL/vehicle class factors -  
Number of classes \_\_\_\_\_
- ☐ Other \_\_\_\_\_

**7. ESAL ESTIMATES - SOURCE OF DATA**

- ☐ Prior years data collected at GPS site.
- ☐ Current year system average.
- ☐ Prior year system average.
- ☒ Historical W-4 tables.
- ☐ Other \_\_\_\_\_

**8. WEIGHT SCALE TYPE**

- ☐ WIM Scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☐ Other \_\_\_\_\_

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2903</u>
DATE PREPARED <u>2/22/91</u>	<u>Dave Smiley - Design</u> <u>517-335-1904</u>

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<b>SHEET 2</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUMES</b> <b>AND LOAD ESTIMATES</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ <u>26</u> ] *SHRP SECTION ID [ <u>3069</u> ] + <u>3068</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 <i>x.5 x .85</i>	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE <i>x.5 x .85</i>	5. ESTIMATED ESAL'S/YR GPS LANE (1000's) <i>.5 x .85 x 365</i> <i>155x</i>
<u>1991</u> 1989	<u>6,000</u>	<u>310</u>	<u>2,550</u>	<u>132</u>	<u>48</u>
<u>1990</u> 1988	<u>5,500</u>	<u>580</u>	<u>2,338</u>	<u>247</u>	<u>89</u>
1987					
1986					
1985					
1984					
1983					
1982					
1981					
1980					
1979					
1978					
1977					
1976					
<u>1975</u>	<u>400</u>	<u>40</u>	<u>170</u>	<u>17</u>	<u>6</u>
<u>1974</u>	<u>100</u>	<u>10</u>	<u>43</u>	<u>4</u>	<u>2</u>
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2903</u>
DATE PREPARED <u>8/12/92</u>	<u>Dave Smiley - Design</u> <u>517-335-1904</u>

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<b>SHEET 2</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUMES</b> <b>AND LOAD ESTIMATES</b>	<b>*STATE ASSIGNED ID</b> [ _ _ _ _ ] <b>*STATE CODE</b> [ <u>26</u> ] <b>*SHRP SECTION ID</b> [ <u>3069</u> ] <u>+ 3068</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 $\times .5 \times .85$	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE $\times .5 \times .85$	5. ESTIMATED ESAL'S / YR GPS LANE (1000's) $\times .5 \times .85 \times 365$ 155x
<u>1991</u> 1989	<u>6,000</u>	<u>310</u>	<u>2,550</u>	<u>132</u>	<u>48</u>
<u>1990</u> 1988	<u>5,500</u>	<u>580</u>	<u>2,338</u>	<u>247</u>	<u>89</u>
1987					
1986					
1985					
1984					
1983					
1982					
1981					
1980					
1979					
1978					
1977					
1976					
<u>1975</u>	<u>400</u>	<u>40</u>	<u>170</u>	<u>17</u>	<u>6</u>
<u>1974</u>	<u>100</u>	<u>10</u>	<u>43</u>	<u>4</u>	<u>2</u>
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2903</u>
DATE PREPARED <u>8/12/92</u>	<u>Dave Smiley - Design</u> <u>517-335-1904</u>

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<b>SHEET 2</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUMES</b> <b>AND LOAD ESTIMATES</b>	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ 26 ]
	*SHRP SECTION ID + [ 3069 ] 3068

YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE $\times .5 \times .85$	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE $\times .5 \times .85$	5. ESTIMATED ESAL'S / YR GPS LANE (1000's) $.5 \times .85 \times 365$ 155X
1989	6,000	520	2,550	221	81
1988	8,800	680	3,740	289	105
1987	5,500	450	2,338	191	70
1986	5,100	420	2,168	179	65
1985	5,100	420	2,168	179	65
1984	4,800	420	2,040	179	65
1983	4,600	420	1,955	179	65
1982	—	—	—	—	—
1981	4,000	570	1,700	242	88
1980	3,600	380	1,530	162	59
1979	3,600	380	1,530	162	59
1978	3,900	280	1,658	119	43
1977	3,400	270	1,445	115	42
1976	2,600	210	1,105	89	32
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2903</u>
DATE PREPARED <u>2/22/91</u>	<u>Dave Smiley - Design</u> 517-335-1904

(3) + (4)

<b>SHEET 3</b> <b>LTPP TRAFFIC DATA</b> <b>PROCEDURES FOR ESTIMATING</b> <b>ANNUAL AVERAGE VOLUMES AND</b> <b>TOTAL ANNUAL ESALS</b>	<b>*STATE ASSIGNED ID</b> [ _ _ _ _ ] <b>*STATE CODE</b> [ <u>26</u> ] <b>*SHRP SECTION ID</b> [ <u>3069</u> ] <span style="margin-left: 150px;">x <u>3068</u></span>
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1. Year Applicable 1974

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) \_\_\_\_\_
- ☐ 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 <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2903</u>
DATE PREPARED <u>8/12/92</u>	

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

\*SHRP SECTION ID [3069]

[3069]  
+ 3068

517-335-1904

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

\*SHRP SECTION ID [ 3069 ]

NAME OF PREPARER Phillip R. Lamb PHONE # 517-335-2903  
DATE PREPARED 2/22/91 Dave Smiley-Design

Dave Smiley - Design  
517-335-1904



## SHEET 3

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

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [26]

\*SHRP SECTION ID [3069]

1. Year Applicable 1977

## 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) \_\_\_\_\_  
☐ 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 Phillip R. LambPHONE # 517-335-2903DATE PREPARED 2/22/91Dave Smiley - Design517-335-1904

## SHEET 3

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

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [26]

\*SHRP SECTION ID \* [3069]  
30681. Year Applicable 1978

## 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) \_\_\_\_\_  
☐ 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 Phillip R. Lamb PHONE # 517-335-2903  
 DATE PREPARED 2/23/91 Dave Smiley-Design  
517-335-1904

## SHEET 3

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

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [26]

\*SHRP SECTION ID + [3069-]  
30681. Year Applicable 1979

## 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) \_\_\_\_\_  
☐ 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: \_\_\_\_\_

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## SHEET 3

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

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [26]

\*SHRP SECTION ID Y [3069]  
30881. Year Applicable 1980

## 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) \_\_\_\_\_  
☐ 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: \_\_\_\_\_

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## SHEET 3

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

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [26]

\*SHRP SECTION ID \* [3069]  
30681. Year Applicable 1981

## 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) \_\_\_\_\_  
☐ 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 Phillip R. Lamb PHONE # 517-335-2903DATE PREPARED 2/22/91 Dave Smiley-Design517-335-1904

## SHEET 3

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

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [26]

\*SHRP SECTION ID [3069]  
+ 30881. Year Applicable 1982

## 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) \_\_\_\_\_  
☐ 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 Phillip R. Lamb PHONE # 517-335-2903  
 DATE PREPARED 2/22/91 Dave Smiley-Design  
517-335-1904

## SHEET 3

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

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [26]

\*SHRP SECTION ID 4 [3069]  
30681. Year Applicable 1983

## 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) \_\_\_\_\_  
☐ 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 Phillip R. Lamb PHONE # 517-335-2903DATE PREPARED 2/22/91 Dave Smiley-Design

517-335-1904

<b>SHEET 3</b>  <b>LTPP TRAFFIC DATA</b> <b>PROCEDURES FOR ESTIMATING</b> <b>ANNUAL AVERAGE VOLUMES AND</b> <b>TOTAL ANNUAL ESALS</b>	*STATE ASSIGNED ID [ _ _ _ _ ]  *STATE CODE [ 26 ]  *SHRP SECTION ID [ 3069 ] * 3068
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1. Year Applicable 1984

**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) \_\_\_\_\_  
☐ 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 <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2903</u>
DATE PREPARED <u>2/22/91</u>	<u>Dave Smiley-Design</u> <u>517-335-1904</u>



## SHEET 3

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

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [26]

\*SHRP SECTION ID [3069]  
+ 30881. Year Applicable 1985

## 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) \_\_\_\_\_  
☐ 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 Phillip R. Lamb PHONE # 517-335-2903DATE PREPARED 2/22/91 Dave Smiley-Design517-335-1904

## SHEET 3

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

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [26]

\*SHRP SECTION ID 7 [3069]  
30681. Year Applicable 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: \_\_\_\_\_

## 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) \_\_\_\_\_  
☐ 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 Phillip R. Lamb PHONE # 517-335-2903DATE PREPARED 2/22/91 Dave Smiley-Design

517-335-1904

**SHEET 3**  
**LTPP TRAFFIC DATA**  
**PROCEDURES FOR ESTIMATING**  
**ANNUAL AVERAGE VOLUMES AND**  
**TOTAL ANNUAL ESALS**

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [26]

\*SHRP SECTION ID [3069]  
+ 3068

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) \_\_\_\_\_
- ☐ 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 Phillip R. Lamb PHONE # 517-335-2903

DATE PREPARED 2/22/91 Dave Smiley-Design

517-335-1904

SHEET 3  
LTPP TRAFFIC DATA  
PROCEDURES FOR ESTIMATING  
ANNUAL AVERAGE VOLUMES AND  
TOTAL ANNUAL ESALS

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [26]

\*SHRP SECTION ID [3069]  
+ 3068

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) \_\_\_\_\_
- ☐ 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 Phillip R. Lamb PHONE # 517-335-2903  
DATE PREPARED 2/22/91 Dave Smiley-Design  
517-335-1904

## SHEET 3

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

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [26]

\*SHRP SECTION ID 4 [3069]  
[3069]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: \_\_\_\_\_

## 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) \_\_\_\_\_  
☐ 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 Phillip R. Lamb PHONE # 517-335-2903DATE PREPARED 2/22/91 Dave Smiley-Design517-335-1904



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## SHEET 3

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

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [ 26 ]

\*SHRP SECTION ID \* [ 306.9 ]  
30681. Year Applicable 1991

## 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) \_\_\_\_\_  
☐ 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 Phillip R. Lamb PHONE # 517-335-2903DATE PREPARED 8/12/92
Dave Smiley - Design  
517-335-1904





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<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ <u>26</u> ] *SHRP SECTION ID * [ <u>3069</u> ] <del>3068</del>
--	--

HIGHWAY ROUTE NO. (THIS COUNT) US-10 1975 N/A

MILEPOST# OR LOCATION (THIS COUNT) \_\_\_\_\_

BEGINNING DATE \_\_\_\_\_ ENDING DATE \_\_\_\_\_

BEGINNING TIME \_\_\_\_\_ ENDING TIME \_\_\_\_\_

COUNT DURATION \_\_\_\_\_ [ ] HOURS [ ] DAYS [ ] MONTHS

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

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	_____	_____
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	_____	_____ (Directional Factor)
B. AXLE CORRECTION FACTOR (See E)	_____	_____
C. DAY OF WEEK FACTOR	} Seasonal Factor	_____
D. MONTH FACTOR		_____
E. OTHER FACTOR (— Excess Veh. —)	_____	_____
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	_____	_____
4. DIRECTIONAL DISTRIBUTION FACTOR	_____	<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR	_____	<u>0.850</u>
6. AADT GPS LANE	_____	_____

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2903</u>
DATE PREPARED <u>8/12/92</u>	

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SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ 26 ]
	*SHRP SECTION ID [ 3069 ] + 3088

HIGHWAY ROUTE NO. (THIS COUNT) US-10  
MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd. Intch.  
BEGINNING DATE 4/27/81 ENDING DATE 4/29/81  
BEGINNING TIME 09-10AM ENDING TIME 04-05AM  
COUNT DURATION 2 [ ] HOURS [X] DAYS [ ] MONTHS  
TYPE OF COUNTER AVC PORT. NAME/MODEL # STREETER  
TYPE OF COUNT: TWO-WAY    ONE DIRECTION ONLY X GPS TEST LANE ONLY   

ITEM	ACTUAL COUNTS	UNITS	
1. TOTAL NO. OF VEHICLES (RAW COUNT)			<u>2,106</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):			
A. ADJUSTMENT TO 24-HOUR COUNT			<u>2.000</u> (Directional Factor)
B. AXLE CORRECTION FACTOR (See E)			<u>  </u>
C. DAY OF WEEK FACTOR	} Seasonal Factor		<u>  </u>
D. MONTH FACTOR			<u>  </u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )			<u>  </u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)			<u>4000</u>
4. DIRECTIONAL DISTRIBUTION FACTOR			<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR			<u>0.850</u>
6. AADT GPS LANE			<u>4700</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2943</u>
DATE PREPARED <u>2/22/91</u>	

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<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID [ <u>3069</u> ] + <u>3088</u>

HIGHWAY ROUTE NO. (THIS COUNT) US-10  
MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd. Intch.  
BEGINNING DATE 4/27/81 ENDING DATE 4/29/81  
BEGINNING TIME 09-10AM ENDING TIME 07-08AM  
COUNT DURATION 2 [ ] HOURS [ X ] DAYS [ ] MONTHS  
TYPE OF COUNTER AVC PORT. NAME/MODEL # STREETER  
TYPE OF COUNT: TWO-WAY    ONE DIRECTION ONLY X GPS TEST LANE ONLY   

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>1859</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>2.000</u> (Directional Factor)
B. AXLE CORRECTION FACTOR (See E)		<u>  </u>
C. DAY OF WEEK FACTOR	} Seasonal Factor	<u>  </u>
D. MONTH FACTOR		<u>  </u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )		<u>  </u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>4000</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>1700</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2943</u>
DATE PREPARED <u>2/22/91</u>	

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SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ 26 ]
	*SHRP SECTION ID [ 3069 ] + 3038

HIGHWAY ROUTE NO. (THIS COUNT) US-10  
MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd. Intch.  
BEGINNING DATE 5/3/82 ENDING DATE 5/5/82  
BEGINNING TIME 08-09AM ENDING TIME 08-09AM  
COUNT DURATION 3 [ ] HOURS [X] DAYS [ ] MONTHS  
TYPE OF COUNTER AVC PORT. NAME/MODEL # STREETER  
TYPE OF COUNT: TWO-WAY    ONE DIRECTION ONLY X GPS TEST LANE ONLY     
EB 6,446  
÷3  
2,149

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>2,149</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>2.000</u> (Directional Factor)
B. AXLE CORRECTION FACTOR (See E)		<u>  </u>
C. DAY OF WEEK FACTOR	} Seasonal Factor	<u>  </u>
D. MONTH FACTOR		<u>  </u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )		<u>  </u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>  </u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>  </u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2943</u>
DATE PREPARED <u>2/22/91</u>	

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<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID [ <u>3069</u> ] + <u>3088</u>

HIGHWAY ROUTE NO. (THIS COUNT) US-10  
MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd. Intch.  
BEGINNING DATE 5/3/82 ENDING DATE 5/5/82  
BEGINNING TIME 08-09 AM ENDING TIME 07-08 AM  
COUNT DURATION 2 [ ] HOURS [X] DAYS [ ] MONTHS  
TYPE OF COUNTER AVC PORT. NAME/MODEL # STREETER  
TYPE OF COUNT: TWO-WAY    ONE DIRECTION ONLY X GPS TEST LANE ONLY   

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>3015</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>2.000</u> (Directional Factor)
B. AXLE CORRECTION FACTOR (See E)		<u>  </u>
C. DAY OF WEEK FACTOR	} Seasonal Factor	<u>  </u>
D. MONTH FACTOR		<u>  </u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )		<u>  </u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>  </u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>  </u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2943</u>
DATE PREPARED <u>2/22/91</u>	

<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 [ _ _ _ _ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID [ <u>3069</u> ] + <u>3088</u>

HIGHWAY ROUTE NO. (THIS COUNT) US-10

MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd. Intch.

BEGINNING DATE 4/25/83 ENDING DATE 4/27/83

BEGINNING TIME 10 - 11 AM ENDING TIME 07 - 08 AM

COUNT DURATION 2 [ ] HOURS [X] DAYS [ ] MONTHS

TYPE OF COUNTER AVC PORT. NAME/MODEL # STREETER

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>2102</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>2.000</u> (Directional Factor)
B. AXLE CORRECTION FACTOR (See E)		<u>  </u>
C. DAY OF WEEK FACTOR	} Seasonal Factor	<u>  </u>
D. MONTH FACTOR		<u>  </u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )		<u>  </u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>4800</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>3040</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2943</u>
DATE PREPARED <u>2/22/91</u>	

<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 [ _ _ _ _ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID [ <u>3069</u> ] + <u>3068</u>

HIGHWAY ROUTE NO. (THIS COUNT) US-10

MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd. Intch.

BEGINNING DATE 4/25/83 ENDING DATE 4/27/83

BEGINNING TIME 09 - 10 AM ENDING TIME 07 - 08 AM

COUNT DURATION 2 [ ] HOURS [X] DAYS [ ] MONTHS

TYPE OF COUNTER AVC PORT. NAME/MODEL # STREETER

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>2,158</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>2.000</u> (Directional Factor)
B. AXLE CORRECTION FACTOR (See E)		<u>  </u>
C. DAY OF WEEK FACTOR	} Seasonal Factor	<u>  </u>
D. MONTH FACTOR		<u>  </u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )		<u>  </u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>4600</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>  </u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2943</u>
DATE PREPARED <u>2/22/91</u>	

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SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ 26 ]
	*SHRP SECTION ID [ 3069 ] + 3038

HIGHWAY ROUTE NO. (THIS COUNT) US-10  
MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd. Intch.  
BEGINNING DATE 5/7/84 ENDING DATE 5/19/84  
BEGINNING TIME 10-11 AM ENDING TIME 08-09 AM  
COUNT DURATION 2 [ ] HOURS [X] DAYS [ ] MONTHS  
TYPE OF COUNTER AVC PORT. NAME/MODEL # STREETER  
TYPE OF COUNT: TWO-WAY    ONE DIRECTION ONLY X GPS TEST LANE ONLY   

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	EB 5428 ÷ 2	2714
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	2.000 (Directional Factor)	
B. AXLE CORRECTION FACTOR (See E)	-----	
C. DAY OF WEEK FACTOR	} Seasonal Factor	-----
D. MONTH FACTOR		-----
E. OTHER FACTOR ( - Excess Veh. )		-----
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	4800	---
4. DIRECTIONAL DISTRIBUTION FACTOR	0.500	
5. GPS LANE DISTRIBUTION FACTOR	0.850	
6. AADT GPS LANE	2040	---

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2923</u>
DATE PREPARED <u>2/22/91</u>	



<p align="center">SHEET 4</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">TRAFFIC VOLUME COUNTS</p>	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID [ <u>3069</u> ] + <u>3038</u>

HIGHWAY ROUTE NO. (THIS COUNT) US-10

MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd. Intch.

BEGINNING DATE 5/7/84 ENDING DATE 5/19/84

BEGINNING TIME 10 - 11 AM ENDING TIME 08 - 09 AM

COUNT DURATION 2 [ ] HOURS [ X ] DAYS [ ] MONTHS

TYPE OF COUNTER AVC PORT. NAME/MODEL # STREETER

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>2386</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	<u>2.000</u>	(Directional Factor)
B. AXLE CORRECTION FACTOR (See E)	<u>  </u>	
C. DAY OF WEEK FACTOR	} Seasonal Factor	<u>  </u>
D. MONTH FACTOR		<u>  </u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )	<u>  </u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>4800</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.850</u>	
6. AADT GPS LANE	<u>3040</u>	

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2943</u>
DATE PREPARED <u>2/22/91</u>	

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SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ 26 ]
	*SHRP SECTION ID [ 3069 ] + 3038

HIGHWAY ROUTE NO. (THIS COUNT) US-10  
MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd. Intch.  
BEGINNING DATE 7/29/85 ENDING DATE 7/31/85  
BEGINNING TIME 09 - 10 AM ENDING TIME 06 - 07 AM  
COUNT DURATION 2 [ ] HOURS [X] DAYS [ ] MONTHS  
TYPE OF COUNTER AVC PORT. NAME/MODEL # STREETER  
TYPE OF COUNT: TWO-WAY    ONE DIRECTION ONLY X GPS TEST LANE ONLY     
EB

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>2857</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>2.000</u> (Directional Factor)
B. AXLE CORRECTION FACTOR (See E)		<u>  </u>
C. DAY OF WEEK FACTOR	} Seasonal Factor	<u>  </u>
D. MONTH FACTOR		<u>  </u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )		<u>  </u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>5100</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>3168</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2943</u>
DATE PREPARED <u>2/22/91</u>	

344

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ 26 ]
	*SHRP SECTION ID [ 3069 ] + 3088

HIGHWAY ROUTE NO. (THIS COUNT) US-10  
MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd. Intch.  
BEGINNING DATE 7/29/85 ENDING DATE 7/30/85  
BEGINNING TIME 09-10 AM ENDING TIME 08-09 AM  
COUNT DURATION 24 ☒ HOURS [ ] DAYS [ ] MONTHS  
TYPE OF COUNTER AVC PORT. NAME/MODEL # STREETER  
TYPE OF COUNT: TWO-WAY ☐ ONE DIRECTION ONLY ☒ GPS TEST LANE ONLY ☐  
WB

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>2872</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>2.000</u> (Directional Factor)
B. AXLE CORRECTION FACTOR (See E)		<u>-----</u>
C. DAY OF WEEK FACTOR	} Seasonal Factor	<u>-----</u>
D. MONTH FACTOR		<u>-----</u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )		<u>-----</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>5100</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>2168</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2943</u>
DATE PREPARED <u>2/22/91</u>	

344

<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID [ <u>3069</u> ] + <u>3088</u>

HIGHWAY ROUTE NO. (THIS COUNT) US-10  
MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd. Intch.  
BEGINNING DATE 10/21/86 ENDING DATE 10/23/86  
BEGINNING TIME 10-11 AM ENDING TIME 07-08 AM  
COUNT DURATION 2 [ ] HOURS [ X ] DAYS [ ] MONTHS  
TYPE OF COUNTER AVC PORT. NAME/MODEL # STREETER  
TYPE OF COUNT: TWO-WAY    ONE DIRECTION ONLY X GPS TEST LANE ONLY     
EB

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>2584</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>2.000</u> (Directional Factor)
B. AXLE CORRECTION FACTOR (See E)		<u>  </u>
C. DAY OF WEEK FACTOR	} Seasonal Factor	<u>  </u>
D. MONTH FACTOR		<u>  </u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )		<u>  </u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>5100</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>2160</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2923</u>
DATE PREPARED <u>2/22/91</u>	

344

<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID [ <u>3069</u> ] + <u>3068</u>

HIGHWAY ROUTE NO. (THIS COUNT) US-10  
MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd. Intch.  
BEGINNING DATE 10/21/86 ENDING DATE 10/23/86  
BEGINNING TIME 10 - 11 AM ENDING TIME 07 - 08 AM  
COUNT DURATION 2 [ ] HOURS [X] DAYS [ ] MONTHS  
TYPE OF COUNTER AVC PORT. NAME/MODEL # STREETER  
TYPE OF COUNT: TWO-WAY    ONE DIRECTION ONLY X GPS TEST LANE ONLY   

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>2511</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	<u>2.000</u>	(Directional Factor)
B. AXLE CORRECTION FACTOR (See E)	<u>  </u>	
C. DAY OF WEEK FACTOR	<u>  </u>	
D. MONTH FACTOR	<u>  </u>	
E. OTHER FACTOR ( <u>- Excess Veh.</u> )	<u>  </u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>5100</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.850</u>	
6. AADT GPS LANE	<u>2168</u>	

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2943</u>
DATE PREPARED <u>2/22/91</u>	

<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE <u>26</u>
	*SHRP SECTION ID <u>[ 3069 ]</u> <u>3068</u>

HIGHWAY ROUTE NO. (THIS COUNT) US-10

MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd. Intch.

BEGINNING DATE 7/30/87 ENDING DATE 8/3/87

BEGINNING TIME 10-11 AM ENDING TIME 05-06 AM

COUNT DURATION 4 [ ] HOURS [X] DAYS [ ] MONTHS

TYPE OF COUNTER AVC PORT. NAME/MODEL # \_\_\_\_\_

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>6303</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	<u>2.000</u>	<u>(Directional Factor)</u>
B. AXLE CORRECTION FACTOR (See E)	<u>----</u>	
C. DAY OF WEEK FACTOR	<u>-----</u>	
D. MONTH FACTOR	<u>-----</u>	
E. OTHER FACTOR ( <u>- Excess Veh.</u> )	<u>-----</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>5500</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.850</u>	
6. AADT GPS LANE	<u>2338</u>	

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2943</u>
DATE PREPARED <u>2/22/91</u>	

<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID [ <u>3069</u> ] + <u>3088</u>

HIGHWAY ROUTE NO. (THIS COUNT) US-10

MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd. Intch.

BEGINNING DATE 7/30/87 ENDING DATE 8/13/87

BEGINNING TIME 10 - 11 AM ENDING TIME 05 - 06 AM

COUNT DURATION 4 [ ] HOURS [X] DAYS [ ] MONTHS

TYPE OF COUNTER AVC PORT. NAME/MODEL # SARASOTA VC1900

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>6486</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	<u>2.000</u>	(Directional Factor)
B. AXLE CORRECTION FACTOR (See E)	<u>  </u>	
C. DAY OF WEEK FACTOR	<u>  </u>	
D. MONTH FACTOR	<u>  </u>	
E. OTHER FACTOR ( <u>- Excess Veh.</u> )	<u>  </u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>5500</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.850</u>	
6. AADT GPS LANE	<u>3330</u>	

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2943</u>
DATE PREPARED <u>2/22/91</u>	





<b>SHEET 4</b>  <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID [ <u>3069</u> ] + <u>3088</u>

HIGHWAY ROUTE NO. (THIS COUNT) US-10

MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd. Intch.

BEGINNING DATE 7/22/88 ENDING DATE 7/22/88

BEGINNING TIME 12-1 AM <sup>801.50</sup> ENDING TIME 11-12 M <sup>11:30</sup>

COUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHS

TYPE OF COUNTER AVC PORT. NAME/MODEL # SARASOTA VC1900

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>9274</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	<u>2.000</u>	(Directional Factor)
B. AXLE CORRECTION FACTOR (See E)	<u>  </u>	
C. DAY OF WEEK FACTOR	<u>  </u>	
D. MONTH FACTOR	<u>0.673</u>	
E. OTHER FACTOR ( <u>DMC - excess vehicle</u> )	<u>1.850</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>11632</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.850</u>	
6. AADT GPS LANE	<u>4944</u>	

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2943</u>
DATE PREPARED <u>2/22/91</u>	

<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID [ <u>3069</u> ] + <u>3068</u>

HIGHWAY ROUTE NO. (THIS COUNT) US-10

MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd. Inter.

BEGINNING DATE 7/23/88 ENDING DATE 7/23/88

BEGINNING TIME 12-1 AM ENDING TIME 11-12 PM

COUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHS

TYPE OF COUNTER AVC PORT. NAME/MODEL # SARASOTA VC1900

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>6725</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>2.000</u> (Directional Factor)
B. AXLE CORRECTION FACTOR (See E)		<u>  </u>
C. DAY OF WEEK FACTOR	} Seasonal Factor	<u>  </u>
D. MONTH FACTOR		<u>0.757</u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )	<u>one excess veh.</u>	<u>±850</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>9437</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>4011</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2943</u>
DATE PREPARED <u>2/22/91</u>	

<b>SHEET 4</b>  <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID <u>+</u> [ <u>3069</u> ] [ <u>3088</u> ]

HIGHWAY ROUTE NO. (THIS COUNT) US-10

MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd. Int.

BEGINNING DATE 7/23/88 ENDING DATE 7/23/88

BEGINNING TIME 12-1AM ENDING TIME 11-12M

COUNT DURATION 24 [ X ] HOURS [ ] DAYS [ ] MONTHS

TYPE OF COUNTER AVC PORT NAME/MODEL # SARASOTA VC1906

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

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)	--	<u>5207</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	2.000	(Directional Factor)
B. AXLE CORRECTION FACTOR (See E)	--	----
C. DAY OF WEEK FACTOR	Seasonal Factor	----
<u>D.</u> MONTH FACTOR	0.757	--
E. OTHER FACTOR ( <u>- Excess Veh.</u> )	--	<u>850</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	--	<u>7033</u>
4. DIRECTIONAL DISTRIBUTION FACTOR	0.500	
5. GPS LANE DISTRIBUTION FACTOR	0.850	
6. AADT GPS LANE	--	<u>2989</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2943</u>
DATE PREPARED <u>2/22/91</u>	

<b>SHEET 4</b>  <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID <u>3069</u> <u>3068</u>

HIGHWAY ROUTE NO. (THIS COUNT) US-10

MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd. Inter.

BEGINNING DATE 7/24/88 ENDING DATE 7/24/88

BEGINNING TIME 12-1AM ENDING TIME 11-12M

COUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHS

TYPE OF COUNTER AVC PORT. NAME/MODEL # SARASOTA VC1900

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>9878</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>2.000</u> (Directional Factor)
B. AXLE CORRECTION FACTOR (See E)		<u>  </u>
C. DAY OF WEEK FACTOR	} Seasonal Factor	<u>  </u>
D. MONTH FACTOR		<u>0.694</u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )		<u>  </u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>12860</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>5466</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2943</u>
DATE PREPARED <u>2/22/91</u>	



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<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID [ <u>3069</u> ] <i>+ 3068</i>

Cluster 5

HIGHWAY ROUTE NO. (THIS COUNT) US-10  
MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd. InCh.  
BEGINNING DATE 11/20/89 ENDING DATE 11/21/89  
BEGINNING TIME 09-10AM ENDING TIME 08-09AM  
COUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHS  
TYPE OF COUNTER AVC PORT. NAME/MODEL # SARASOTA VC1900  
TYPE OF COUNT: TWO-WAY    ONE DIRECTION ONLY X GPS TEST LANE ONLY   

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>3833</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	<u>2.000</u>	(Directional Factor)
B. AXLE CORRECTION FACTOR (See E)	<u>  </u>	
C. DAY OF WEEK FACTOR	<u>  </u>	
D. MONTH FACTOR	<u>1.060</u>	
E. OTHER FACTOR ( <u>- Excess Veh.</u> )	<u>+ 640</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>2486</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.850</u>	
6. AADT GPS LANE	<u>3182</u>	

EB  
negative by volume  
Holiday

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2943</u>
DATE PREPARED <u>2/22/91</u>	

214

<b>SHEET 4</b>  <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID [ <u>3069</u> ] * <u>3068</u>

HIGHWAY ROUTE NO. (THIS COUNT) US-10

MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd Inchi.

BEGINNING DATE 11/20/89 ENDING DATE 11/21/89

BEGINNING TIME 09-10AM ENDING TIME 08-09AM

COUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHS

TYPE OF COUNTER AVC PORT. NAME/MODEL # SARASOTO VC1900

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

ITEM	ACTUAL COUNTS	Holiday UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>--3923</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>2.000</u> (Directional Factor)
B. AXLE CORRECTION FACTOR (See E)		<u>-----</u>
C. DAY OF WEEK FACTOR	} <u>Seasonal Factor</u>	<u>-----</u>
D. MONTH FACTOR		<u>1.060</u>
E. OTHER FACTOR ( <u>pmc - excess veh's</u> )	<u>Excess Veh.</u>	<u>1.640</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>--5663</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>--3407</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2943</u>
DATE PREPARED <u>2/22/91</u>	

(3) + (4)

<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ <u>26</u> ] *SHRP SECTION ID [ <u>3069</u> ] + <u>3068</u>
--	--

Cluster 5

HIGHWAY ROUTE NO. (THIS COUNT) US-10  
MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of OLD State Rd. Int.  
BEGINNING DATE 9/6/90 ENDING DATE 9/6/90  
BEGINNING TIME 12-1 AM ENDING TIME 11-12 PM  
COUNT DURATION 24 [ X ] HOURS [ ] DAYS [ ] MONTHS  
TYPE OF COUNTER AVC PORT NAME/MODEL # SARASOTA VC1900  
TYPE OF COUNT: TWO-WAY    ONE DIRECTION ONLY X GPS TEST LANE ONLY     
WB

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>--3119</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>2.000</u> (Directional Factor)
B. AXLE CORRECTION FACTOR	} Seasonal Factor	<u>----</u>
C. DAY OF WEEK FACTOR		<u>----</u>
D. MONTH FACTOR		<u>0.990</u>
E. OTHER FACTOR ( )		<u>----</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>--6150</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>--3614</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>511-335-2903</u>
DATE PREPARED <u>8/12/92</u>	



34

<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ <u>26</u> ] *SHRP SECTION ID [ <u>3069</u> ] <u>3065</u>
--	--

HIGHWAY ROUTE NO. (THIS COUNT) US-10  
MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of Old State Rd Int-  
BEGINNING DATE 9/7/90 ENDING DATE 9/7/90  
BEGINNING TIME 12-1AM ENDING TIME 11-12PM  
COUNT DURATION 24 ☒ HOURS [ ] DAYS [ ] MONTHS  
TYPE OF COUNTER AVC. PORT NAME/MODEL # SARASOTA VC1900  
TYPE OF COUNT: TWO-WAY ☐ ONE DIRECTION ONLY ☒ GPS TEST LANE ONLY ☐  
WB

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>5846</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>2.000 (Directional Fac</u>
B. AXLE CORRECTION FACTOR		<u>----</u>
C. DAY OF WEEK FACTOR	} Seasonal Factor	<u>----</u>
D. MONTH FACTOR		<u>0.740</u>
E. OTHER FACTOR ( )		<u>----</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>8617</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>3662</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2943</u>
DATE PREPARED <u>8/12/92</u>	

**SHEET 4**

## LTPP TRAFFIC DATA

## TRAFFIC VOLUME COUNTS

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

STATE CODE [26]

\*SHRP SECTION ID [3069]  
\*3068

HIGHWAY ROUTE NO. (THIS COUNT) US-10

MILEPOST# OR LOCATION (THIS COUNT) 25 Mi. W. of OLD STATE Rd Int-

BEGINNING DATE 9/8/90 ENDING DATE 9/8/90

BEGINNING TIME 12-1 AM ENDING TIME 11-12 PM

COUNT DURATION 24 ☒ HOURS ☐ DAYS ☐ MONTHS

TYPE OF COUNTER AVC. PORT NAME/MODEL # SARASOTA VC1900

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

### ACTUAL COUNTS

## ITEM

## UNITS

1. TOTAL NO. OF VEHICLES (RAW COUNT)

4,227

**2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):**

### A. ADJUSTMENT TO 24-HOUR COUNT

2.000 (Directional Fee)

### B. AXLE CORRECTION FACTOR

\_\_\_\_\_

### C. DAY OF WEEK FACTOR

•

#### D. MONTH FACTOR

0.850

E. OTHER FACTOR (

[illegible]

### 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)

7,185

#### 4. DIRECTIONAL DISTRIBUTION FACTOR

0.500

## 5. GPS LANE DISTRIBUTION FACTOR

0.856

## 6. AADT GPS LANE

3054

**NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.**

NAME OF PREPARER *Phillip R. Lamb*

PHONE: 517-335-2943

DATE PREPARED 8/12/92

**SHEET 4**

## LTPP TRAFFIC DATA

## TRAFFIC VOLUME COUNTS

\*STATE ASSIGNED ID [ ]

STATE CODE [26]

'SHRP SECTION ID [3069]

HIGHWAY ROUTE NO. (THIS COUNT) US-10

MILEPOST# OR LOCATION (THIS COUNT) 25 Mi. W. of OLD STATE Rd. Int-

BEGINNING DATE 9/9/90 ENDING DATE 9/9/90

BEGINNING TIME 12-1 AM ENDING TIME 11-12 PM

COUNT DURATION 24 ☒ HOURS ☐ DAYS ☐ MONTHS

TYPE OF COUNTER AVC. PORT NAME/MODEL # SARASOTA VC1900

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

WJ

## ACTUAL COUNTS

## ITEM

## UNITS

1. TOTAL NO. OF VEHICLES (RAW COUNT)

3344

**2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):**

### A. ADJUSTMENT TO 24-HOUR COUNT

2.000 (Directional Fac

### B. AXLE CORRECTION FACTOR

\_\_\_\_\_

### C. DAY OF WEEK FACTOR

\_\_\_\_\_

#### D. MONTH FACTOR

0.830

E. OTHER FACTOR ( )

•

### 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)

5577

#### 4. DIRECTIONAL DISTRIBUTION FACTOR

0.500

## 5. GPS LANE DISTRIBUTION FACTOR

0.850

## 6. AADT GPS LANE

2370

**NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.**

NAME OF PREPARER

Phillip R. Lamb

PHONE # 517-335-2943

**DATE PREPARED**

8/12/92

344

<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ <u>26</u> ] *SHRP SECTION ID [ <u>3069</u> ] <u>+ 3069</u>
--	--

Cluster 6

HIGHWAY ROUTE NO. (THIS COUNT) US-10  
MILEPOST# OR LOCATION (THIS COUNT) 0.5 W. of OLD State Rd. INT.  
BEGINNING DATE 10/1/91 ENDING DATE 10/1/91  
BEGINNING TIME 12-1AM ENDING TIME 11-12PM  
COUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHS  
TYPE OF COUNTER AVC PORT NAME/MODEL # SARASOTA VC1900  
TYPE OF COUNT: TWO-WAY    ONE DIRECTION ONLY X GPS TEST LANE ONLY     
WB

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>3258</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>2.000</u> (Directional Factor)
B. AXLE CORRECTION FACTOR (See E)		<u>  </u>
C. DAY OF WEEK FACTOR	} Seasonal Factor	<u>  </u>
D. MONTH FACTOR		<u>0.990</u>
E. OTHER FACTOR ( <u>- Excess Vehicles</u> )		<u>413</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>6018</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>2558</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2903</u>
DATE PREPARED <u>8/12/92</u>	

NAME OF PREPARER Philip R. Lamb PHONE # 517-335-2903  
DATE PREPARED 8/12/92

344

<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ <u>26</u> ] *SHRP SECTION ID <u>X</u> [ <u>3069</u> ] <u>3068</u>
--	---

Cluster 6

HIGHWAY ROUTE NO. (THIS COUNT) US-10  
MILEPOST# OR LOCATION (THIS COUNT) 0.5 Mi. W. of OLD STATE Rd. In ch  
BEGINNING DATE 10/2/91 ENDING DATE 10/2/91  
BEGINNING TIME 12-1 AM ENDING TIME 11-12 PM  
COUNT DURATION 24 [ X ] HOURS [ ] DAYS [ ] MONTHS  
TYPE OF COUNTER AVC. PORT. NAME/MODEL # SARASOTA VC 1900  
TYPE OF COUNT: TWO-WAY    ONE DIRECTION ONLY X GPS TEST LANE ONLY   

ACTUAL COUNTS	
ITEM	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>3473</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):	
A. ADJUSTMENT TO 24-HOUR COUNT	<u>2.000</u> (Directional Factor)
B. AXLE CORRECTION FACTOR (See E)	<u>  </u>
C. DAY OF WEEK FACTOR	} Seasonal Factor <u>  </u>
D. MONTH FACTOR	
E. OTHER FACTOR ( <u>DME: - excess vehicles</u> <u>- Excess Vehicles</u> )	<u>0.990</u> <u>+413</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>6442</u>
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR	<u>0.850</u>
6. AADT GPS LANE	<u>2138</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2903</u>
DATE PREPARED <u>8/12/92</u>	

(344)

<b>SHEET 5</b> <b>LTPP TRAFFIC DATA</b> <b>VEHICLE CLASSIFICATION DATA</b> <b>FHWA 13-CLASS SYSTEM</b>	*STATE ASSIGNED ID [ _____ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID * [ <u>3069</u> ]

HIGHWAY RT. NO. (THIS COUNT) US-10 MILEPOST# (THIS COUNT) N/A

LOCATION (THIS COUNT) 0.5 Mi. West of State Rd. Int. FUNCTIONAL CLASS 02

BEGINNING DATE 9/5/90 ENDING DATE 9/6/90

BEGINNING TIME 11-12 N ENDING TIME 10-11 AM DURATION (HRS) 24

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

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

EQUIPMENT NAME / MODEL # SARASOTA VC1900

TOTAL NO. OF VEHICLES CLASSIFIED 2,743 # TRUCKS 441 % TRUCKS 16.1

NO. OF TRUCKS IN GPS LANE 375 % OF TRUCKS IN GPS LANE 16.1

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER \_\_\_\_\_ # 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. WB

VEHICLE CLASSES	<del>TOTAL NUMBER OF VEHICLES TWO-WAY</del>	<del>TOTAL NUMBER OF VEHICLES GPS DIRECTION</del>	<del>TOTAL NUMBER OF VEHICLES GPS LANE</del>
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	_____	<u>2,302</u>	<u>1,957</u>
2. FHWA CLASS 4 (Buses)	_____	<u>36</u>	<u>31</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	_____	<u>19</u>	<u>16</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	_____	<u>33</u>	<u>28</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	_____	<u>1</u>	<u>1</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	_____	<u>67</u>	<u>57</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	_____	<u>181</u>	<u>154</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	_____	<u>31</u>	<u>26</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	_____	<u>9</u>	<u>8</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	_____	<u>0</u>	<u>0</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	_____	<u>64</u>	<u>54</u>
12. OTHER VEHICLES	_____	_____	_____
GRAND TOTAL	_____	<u>2,743</u>	<u>2,332</u>

NAME OF PREPARER Phillip R. Lamb PHONE # 517-335-2943  
DATE PREPARED 8/12/92

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<b>SHEET 5</b> <b>LTPP TRAFFIC DATA</b> <b>VEHICLE CLASSIFICATION DATA</b> <b>FHWA 13-CLASS SYSTEM</b>	*STATE ASSIGNED ID [ _____ ] *STATE CODE [ <u>26</u> ] *SHRP SECTION ID [ <u>3069</u> ]
---	---

HIGHWAY RT. NO. (THIS COUNT) US-10 MILEPOST# (THIS COUNT) N/A

LOCATION (THIS COUNT) 0.5 MI. West of Sta. Te Rd. Int. FUNCTIONAL CLASS 02

BEGINNING DATE 9/6/90 ENDING DATE 9/7/90

BEGINNING TIME 11-12 N ENDING TIME 10-11 AM DURATION (HRS) 24

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

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

EQUIPMENT NAME / MODEL # SARASOTA VC1900

TOTAL NO. OF VEHICLES CLASSIFIED 3232<sup>3230</sup> # TRUCKS 479<sup>477</sup> % TRUCKS 14.8

NO. OF TRUCKS IN GPS LANE 407 % OF TRUCKS IN GPS LANE 14.8

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER \_\_\_\_\_ # 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.

WB

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES <del>200-WAY</del>	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	-----	<u>2,753</u>	<u>2,340</u>
2. FHWA CLASS 4 (Buses)	-----	<u>45</u>	<u>38</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	-----	<u>35</u>	<u>30</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	-----	<u>30</u>	<u>26</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	-----	<u>0</u>	<u>0</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	-----	<u>104</u>	<u>88</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	-----	<u>161</u>	<u>137</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	-----	<u>24</u>	<u>21</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	-----	<u>7</u>	<u>6</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	-----	<u>2</u>	<u>2</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	-----	<u>69</u>	<u>59</u>
12. OTHER VEHICLES	-----	-----	-----
GRAND TOTAL	-----	<u>3232</u> <sup>3230</sup>	<u>2747</u> <sup>2745</sup>

NAME OF PREPARER Phillip R. Lamb PHONE # 517-335-2963  
DATE PREPARED 8/12/92



## LTPP TRAFFIC DATA

# VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM

\*STATE ASSIGNED ID [ ]

\*STATE CODE [26]

\*SHRP SECTION ID [3069]

HIGHWAY RT. NO. (THIS COUNT) US-10

MILEPOST# (THIS COUNT) 4/4

LOCATION (THIS COUNT) State Rd. Int.

FUNCTIONAL CLASS 02

BEGINNING DATE 9/7/90

ENDING DATE 9/8/90

BEGINNING TIME 11-12 N

ENDING TIME 10-11AM DURATION (HRS) 29

TYPE OF COUNT: MANUAL

**AUTOMATED X**

NO. OF LANES COUNTED 2

TYPE OF EQUIP.: AVC PERM.

AVC PORT X

**WIM PERM.**

**WIM PORT**

EQUIPMENT NAME / MODEL # SARASOTA VC 1900

TOTAL NO. OF VEHICLES CLASSIFIED 6,265 # TRUCKS 513 % TRUCKS 8.2

NO. OF TRUCKS IN GPS LANE 436 % OF TRUCKS IN GPS LANE 8.2

VEHICLE CLASSIFICATION METHOD: FHWA 4 OTHER \_\_\_\_\_ # 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  
DROPPED~~

**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

Philip R. Lamb

PHONE # 517-335-2943

DATE PREPARED

8/12/92

(3) (4)

<b>SHEET 5</b> <b>LTPP TRAFFIC DATA</b> <b>VEHICLE CLASSIFICATION DATA</b> <b>FHWA 13-CLASS SYSTEM</b>	*STATE ASSIGNED ID [_____] *STATE CODE [26] *SHRP SECTION ID [3069]
---	---

HIGHWAY RT. NO. (THIS COUNT) US-10 MILEPOST# (THIS COUNT) N/A

LOCATION (THIS COUNT) 0.5 mi. West of State Rd. Int. FUNCTIONAL CLASS 02

BEGINNING DATE 9/8/90 ENDING DATE 9/9/90

BEGINNING TIME 11-12N ENDING TIME 10-11AM DURATION (HRS) 24

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

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

EQUIPMENT NAME / MODEL : SARASOTA VC1900

TOTAL NO. OF VEHICLES CLASSIFIED 3,519 # TRUCKS 221 % TRUCKS 6.3

NO. OF TRUCKS IN GPS LANE 188 % OF TRUCKS IN GPS LANE 6.3

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER \_\_\_\_\_ # 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.

WB

VEHICLE CLASSES	<del>TOTAL NUMBER OF VEHICLES BY WAY</del>	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	-----	<u>3298</u>	<u>2003</u>
2. FHWA CLASS 4 (Buses)	-----	<u>33</u>	<u>28</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	-----	<u>14</u>	<u>12</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	-----	<u>22</u>	<u>19</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	-----	<u>1</u>	<u>1</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	-----	<u>56</u>	<u>47</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	-----	<u>55</u>	<u>47</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	-----	<u>8</u>	<u>7</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	-----	<u>4</u>	<u>3</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	-----	<u>0</u>	<u>0</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	-----	<u>28</u>	<u>24</u>
12. OTHER VEHICLES	-----	-----	-----
GRAND TOTAL	-----	<u>3519</u>	<u>2996</u>

NAME OF PREPARER Phillip R. Lamb PHONE # 517-335-2943  
DATE PREPARED 8/12/92

(3)(4)

<b>SHEET 5</b> <b>LTPP TRAFFIC DATA</b> <b>VEHICLE CLASSIFICATION DATA</b> <b>FHWA 13-CLASS SYSTEM</b>	*STATE ASSIGNED ID [_____]
	*STATE CODE [26]
	*SHRP SECTION ID * [3069]

HIGHWAY RT. NO. (THIS COUNT) US-10 MILEPOST# (THIS COUNT) N/A  
 LOCATION (THIS COUNT) 0.5 Mi. West of State Rd. Int. FUNCTIONAL CLASS 02  
 BEGINNING DATE 8/9/90 ENDING DATE 9/10/90  
 BEGINNING TIME 11-12 N ENDING TIME 10-11 AM DURATION (HRS) 24

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

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

EQUIPMENT NAME / MODEL # SARASOTA VC1900

TOTAL NO. OF VEHICLES CLASSIFIED 3,577 # TRUCKS 325 % TRUCKS 9.1

NO. OF TRUCKS IN GPS LANE 276 % OF TRUCKS IN GPS LANE 9.1

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER \_\_\_\_\_ # 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. WB

VEHICLE CLASSES	<del>TOTAL NUMBER OF VEHICLES BY DAY</del>	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	-----	<u>3,252</u>	<u>2,764</u>
2. FHWA CLASS 4 (Buses)	-----	<u>44</u>	<u>37</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	-----	<u>20</u>	<u>17</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	-----	<u>24</u>	<u>20</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	-----	<u>4</u>	<u>3</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	-----	<u>61</u>	<u>52</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	-----	<u>86</u>	<u>73</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	-----	<u>20</u>	<u>17</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	-----	<u>8</u>	<u>7</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	-----	<u>0</u>	<u>0</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	-----	<u>58</u>	<u>50</u>
12. OTHER VEHICLES	-----	-----	-----
GRAND TOTAL	-----	<u>3,577</u>	<u>3,040</u>

NAME OF PREPARER Phillip R. Lamb PHONE # 517-335-2943  
 DATE PREPARED 8/12/92

**SHEET 14**  
**LTPP TRAFFIC DATA**  
**EQUIPMENT INSTALLATION LOG**

\*STATE ASSIGNED ID  
\*STATE CODE  
\*SHRP SECTION ID

[ 307 ]  
[ 26 ]  
[ 3069 ]

LOCATION Clare

INSTALLATION DATE \_\_\_\_\_

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit			
Interface	DAW 100	PAT	
Modem			
Loop Amplifiers			
Other _____			
Sensor(s) / Platform(s)			
LTPP Lane Sensor			
Sensor Next Adjacent Lane (1)	Piezo	Amp	
Sensor Next Adjacent Lane (2)	Piezo	Amp	
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package			
Axle Spacing Algorithm Only	WIM 3.73	PAT	
Other _____			
Loops			
Upstream - Lane 1			
Downstream - Lane 1			
Upstream - Other Lanes	6' 4 Turn		
Downstream - Other Lanes	6' 4 Turn		