

<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>9030</u> ]
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STATE OR PROVINCE Michigan COUNTY Monroe  
 HIGHWAY ROUTE NO. US - 23 MILEPOST# MP 14.0  
 NEAREST CITY/TOWN 3 Mi. S. of Dundee NEAREST INTERSECTION 2 Mi. S. of M-50  
 FUNCTIONAL CLASS 02 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4  
 DIRECTION OF TRAVEL GPS LANE NB DATE OPENED TO TRAF. - - - 84  
 FIPS COUNTY CODE 58 FHWA STATION IDENTIFICATION NO. 117  
 HPMS SAMPLE NO. \_\_\_\_\_ HPMS SUBDIVISION NO. \_\_\_\_\_  
 TYPE OF PAVEMENT: AC \_\_\_\_\_ PCC X OTHER \_\_\_\_\_  
 CONTROL OF ACCESS: YES X NO \_\_\_\_\_ MEDIAN: YES X NO \_\_\_\_\_  
 CURRENT SURROUNDING DEVELOPMENT:  
 URBAN \_\_\_\_\_ SUBURBAN \_\_\_\_\_ RURAL X  
 HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?  
 YES \_\_\_\_\_ NO \_\_\_\_\_  
 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> DATE PREPARED <u>2/22/91</u>	PHONE # <u>517-335-2903</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>9030</u> ]

YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE (1) x .5 x .85	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE (2) x .5 x .85	5. ESTIMATED ESAL'S / YR GPS LANE (1000's) (2) x .5 x .85 x 365
1991 1989	<u>21,800</u>	<u>4,670</u>	<u>9,265</u>	<u>1,985</u>	<u>724</u>
1990 1988	<u>20,700</u>	<u>4,470</u>	<u>8,798</u>	<u>1,900</u>	<u>693</u>
1987					
1986					
1985					
1984					
1983					
1982					
1981					
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1979					
1978					
1977					
1976					
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>8/12/92</u>	<u>Dave Smiley - Design</u> <u>517-335-1904</u>

(2)

(5)

<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 [ 2030 ]
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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) 155X
1989	22,400	4,470	9,520	1,900	693
1988	24,500	3,300	10,413	1,403	511
1987	24,100	4,090	10,243	1,738	634
1986	24,100	4,090	10,243	1,738	634
1985	23,500	3,990	9,988	1,696	618
1984	20,000	3,400	8,500	1,445	527
1983					
1982					
1981					
1980					
1979					
1978					
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

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 [9030]

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 Phillip R. Lamb PHONE # 517-335-2903

DATE PREPARED 2/22/91 Dave Smiley - Design

517-335-1904

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<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> [ 26 ] <b>*SHRP SECTION ID</b> [ 9030 ]
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1. 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 <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 [ 9030 ]

1. 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 # 517-335-2903

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 [9030]

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  
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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 [ 9030 ]

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 [ 9030 ]

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 # 517-335-2903

DATE PREPARED 2/22/91 Dave Smiley-Design

517-335-1904

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<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 [ 9030 ]
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1. Year Applicable 1990

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>	<u>Dave Smiley - Design</u> <u>517-335-1904</u>

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<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 [ 9030 ]
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1. 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 <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>

<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>9030</u> ]

HIGHWAY ROUTE NO. (THIS COUNT) US-23

MILEPOST# OR LOCATION (THIS COUNT) MP 16

BEGINNING DATE 8/7/84 ENDING DATE 8/10/84

BEGINNING TIME 11-12N ENDING TIME 10-11AM

COUNT DURATION 3 [ ] HOURS [X] DAYS [ ] MONTHS

TYPE OF COUNTER AVC PORT. NAME/MODEL # STREETER

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>20000</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>1.000</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>20000</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>8500</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>9030</u> ]

HIGHWAY ROUTE NO. (THIS COUNT) US-23

MILEPOST# OR LOCATION (THIS COUNT) MP 16

BEGINNING DATE 10/25/84 ENDING DATE 10/26/84

BEGINNING TIME 11-12N ENDING TIME 11-12N

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

TYPE OF COUNTER AVC PORT. NAME/MODEL # STREETER

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>20000</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>1.000</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>20000</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>8500</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>	

**SHEET 4**  
**LTPP TRAFFIC DATA**  
**TRAFFIC VOLUME COUNTS**

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]  
\*STATE CODE [ 26 ]  
\*SHRP SECTION ID [ 9030 ]

HIGHWAY ROUTE NO. (THIS COUNT) US-23  
MILEPOST# OR LOCATION (THIS COUNT) MP 16  
BEGINNING DATE 11/6/85 ENDING DATE 11/13/85  
BEGINNING TIME 11-12 N ENDING TIME 07-08 AM  
COUNT DURATION 8 [ ] 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       
SE

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>11750</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>
<u>D.</u> MONTH FACTOR		<u>    </u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )		<u>    </u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>23500</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>9988</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>	

2

<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>9030</u> ]

HIGHWAY ROUTE NO. (THIS COUNT) US-23

MILEPOST# OR LOCATION (THIS COUNT) MP 16

BEGINNING DATE 11/6/85 ENDING DATE 11/13/85

BEGINNING TIME 11-12N ENDING TIME 07-08AM

COUNT DURATION 8 [ ] 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>14750</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>23500</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>9988</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>	

(2)

<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>9030</u> ]

HIGHWAY ROUTE NO. (THIS COUNT) US-23

MILEPOST# OR LOCATION (THIS COUNT) MP16

BEGINNING DATE 9/27/89 ENDING DATE 9/28/89

BEGINNING TIME 01-02 PM ENDING TIME 12-01 PM

COUNT DURATION 24 ☒ HOURS [ ] DAYS [ ] MONTHS

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

TYPE OF COUNT: TWO-WAY ☐ ONE DIRECTION ONLY ☒ GPS TEST LANE ONLY ☐  
*NTW*

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>14372</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>0.986</u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )	<u>Dmc. - excess veh.</u>	<u>+ 5,910</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>22431</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>9533</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>	



(2)

<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>9030</u> ]

HIGHWAY ROUTE NO. (THIS COUNT) US-23MILEPOST# OR LOCATION (THIS COUNT) MP16BEGINNING DATE 9/27/89 ENDING DATE 9/28/89BEGINNING TIME 01-02 PM ENDING TIME 12-01 PMCOUNT DURATION 24 ☒ HOURS [ ] DAYS [ ] MONTHSTYPE OF COUNTER AVC PORT. NAME/MODEL # SARASOTA VC1900TYPE OF COUNT: TWO-WAY ☐ ONE DIRECTION ONLY ☒ GPS TEST LANE ONLY ☐  
NTW

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>14,372</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>0.986</u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )	<u>Dmc. - excess veh.</u>	<u>+ 5,910</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>22,431</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>9,533</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>	

2

<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>9030</u> ]

HIGHWAY ROUTE NO. (THIS COUNT) US-23

MILEPOST# OR LOCATION (THIS COUNT) MP 16

BEGINNING DATE 9/28/89 ENDING DATE 9/29/89

BEGINNING TIME 01-02 PM ENDING TIME 12-01 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   

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>15108</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>0.986</u>	
E. OTHER FACTOR ( <u>Excess Veh.</u> )	<u>+5,910</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>23882</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.850</u>	
6. AADT GPS LANE	<u>10150</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>	

2

SHEET 4  LTPP TRAFFIC DATA  TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID [ <u>9030</u> ]

HIGHWAY ROUTE NO. (THIS COUNT) US-23  
MILEPOST# OR LOCATION (THIS COUNT) MP 16  
BEGINNING DATE 9/28/89 ENDING DATE 9/29/89  
BEGINNING TIME 01-02 PM ENDING TIME 12-01 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   

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>15,108</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>0.986</u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )	<u>One - excess veh.</u>	<u>+ 5,910</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>23,882</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>19,150</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

(2)

<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>9030</u> ]
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HIGHWAY ROUTE NO. (THIS COUNT) US-23MILEPOST# OR LOCATION (THIS COUNT) MP 16BEGINNING DATE 9/29/89 ENDING DATE 9/30/89BEGINNING TIME 01-02 PM ENDING TIME 12-01 PMCOUNT DURATION 24 [ X ] HOURS [ ] DAYS [ ] MONTHSTYPE OF COUNTER AVC PORT. NAME/MODEL # SARASOTA VC1900TYPE OF COUNT: TWO-WAY    ONE DIRECTION ONLY X GPS TEST LANE ONLY     
NW

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>16,287</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>0.737</u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )		<u>+ 5,910</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>18,097</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>7,691</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">SHEET 4</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">TRAFFIC VOLUME COUNTS</p>	<p>*STATE ASSIGNED ID [ _ _ _ _ ]</p>
	<p>*STATE CODE [ <u>26</u> ]</p>
	<p>*SHRP SECTION ID [ <u>9030</u> ]</p>

HIGHWAY ROUTE NO. (THIS COUNT) US-23

MILEPOST# OR LOCATION (THIS COUNT) MP 16

BEGINNING DATE 9/29/89 ENDING DATE 9/30/89

BEGINNING TIME 01-02 PM ENDING TIME 12-01 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\_\_\_

### ACTUAL COUNTS

**TEM**

## UNITS

1. TOTAL NO. OF VEHICLES (RAW COUNT) 16,287
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 } omc; - excess veh's 0.737
  - E. OTHER FACTOR ( - Excess Veh. ) + 5,910
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY) 18,097
4. DIRECTIONAL DISTRIBUTION FACTOR 0.500
5. GPS LANE DISTRIBUTION FACTOR 0.850
6. AADT GPS LANE 2691

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

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

<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>9030</u> ]

HIGHWAY ROUTE NO. (THIS COUNT) US-23

MILEPOST# OR LOCATION (THIS COUNT) MP16

BEGINNING DATE 9/30/89 ENDING DATE 10/1/89

BEGINNING TIME 01-02PM ENDING TIME 12-01PM

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 ☐  
NW

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>14949</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>0.850</u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )	<u>DMC - excess vehicles</u>	<u>+5,910</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>14403</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>6121</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Philip 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>9030</u> ]

HIGHWAY ROUTE NO. (THIS COUNT) US-23

MILEPOST# OR LOCATION (THIS COUNT) MP16

BEGINNING DATE 9/30/89 ENDING DATE 10/1/89

BEGINNING TIME 01-02PM ENDING TIME 12-01PM

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 ☐  
NW

ITEM	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>14949</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>0.850</u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )	<u>0mc; - excess Vehicles</u>	<u>+5,910</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>14403</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>6121</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

2

SHEET 4  LTPP TRAFFIC DATA  TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID [ <u>9030</u> ]

HIGHWAY ROUTE NO. (THIS COUNT) US-23  
MILEPOST# OR LOCATION (THIS COUNT) MP 16  
BEGINNING DATE 12/4/89 ENDING DATE 12/5/89  
BEGINNING TIME 11-12N ENDING TIME 10-11AM  
COUNT DURATION 24 [ X ] HOURS [ ] DAYS [ ] MONTHS  
TYPE OF COUNTER AVC PORT. NAME/MODEL # SARASOTA VC 900  
TYPE OF COUNT: TWO-WAY    ONE DIRECTION ONLY X GPS TEST LANE ONLY     
NW

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>12665</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>
<u>D.</u> MONTH FACTOR		<u>1.202</u>
E. OTHER FACTOR ( <u>pmc, excess vehicles</u> )		
	<u>- Excess Veh.</u>	<u>+ 5,910</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>24536</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>10428</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>	



(2)

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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>9030</u> ]
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HIGHWAY ROUTE NO. (THIS COUNT) US-23MILEPOST# OR LOCATION (THIS COUNT) MP 16BEGINNING DATE 12/4/89 ENDING DATE 12/5/89BEGINNING TIME 11-12N ENDING TIME 10-11AMCOUNT DURATION 24 ☒ HOURS [ ] DAYS [ ] MONTHSTYPE OF COUNTER AVC PORT. NAME/MODEL # SARASOTA VC1900TYPE OF COUNT: TWO-WAY ☐ ONE DIRECTION ONLY ☒ <sub>SE</sub> GPS TEST LANE ONLY ☐

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>12664</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>
<u>D.</u> MONTH FACTOR		<u>1.202</u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )		<u>-5,910</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>24534</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>10427</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>	

(2)

<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>9030</u> ]
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HIGHWAY ROUTE NO. (THIS COUNT) US-23  
 MILEPOST# OR LOCATION (THIS COUNT) MP 16  
 BEGINNING DATE 12/5/89 ENDING DATE 12/6/89  
 BEGINNING TIME 11-12N ENDING TIME 10-11AM  
 COUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHS  
 TYPE OF COUNTER AVC PORT. NAME/MODEL # SARASOTA VC1900  
 TYPE OF COUNT: TWO-WAY SE ONE DIRECTION ONLY X GPS TEST LANE ONLY SE

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>13250</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>1.000</u>	
C. DAY OF WEEK FACTOR	<u>1.000</u>	Seasonal Factor
<u>D.</u> MONTH FACTOR	<u>1.202</u>	
E. OTHER FACTOR ( <u>- Excess Veh.</u> )	<u>5.910</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>25943</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.850</u>	
6. AADT GPS LANE	<u>11026</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>9036</u> ]

HIGHWAY ROUTE NO. (THIS COUNT) US-23  
MILEPOST# OR LOCATION (THIS COUNT) MP16  
BEGINNING DATE 12/5/89 ENDING DATE 12/6/89  
BEGINNING TIME 11-12N ENDING TIME 10-11AM  
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 ☐  
NW

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>12,863</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>1.202</u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )	<u>DMC; excess veh.</u>	<u>+5,910</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>25,012</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>21,260</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>	

2

<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>9030</u> ]
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Cluster  
5

HIGHWAY ROUTE NO. (THIS COUNT) US-23  
MILEPOST# OR LOCATION (THIS COUNT) MP 16  
BEGINNING DATE 5/16/90 ENDING DATE 5/17/90  
BEGINNING TIME 10-11AM ENDING TIME 9-10AM  
COUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHS  
TYPE OF COUNTER AVC PORT. NAME/MODEL # SARASOTA VC1900  
TYPE OF COUNT: TWO-WAY SE ONE DIRECTION ONLY X GPS TEST LANE ONLY   

1

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>13695</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>1.030</u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )		<u>-5910</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>22411</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>9525</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

2

SHEET 4	*STATE ASSIGNED ID [ _ _ _ _ ]
LTPP TRAFFIC DATA	*STATE CODE [26]
TRAFFIC VOLUME COUNTS	*SHRP SECTION ID [9030]

Cluster 5

HIGHWAY ROUTE NO. (THIS COUNT) US-23  
MILEPOST# OR LOCATION (THIS COUNT) MP 16  
BEGINNING DATE 5/16/90 ENDING DATE 5/17/90  
BEGINNING TIME 10-11 AM ENDING TIME 9-10 AM  
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     
NW

8

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>13,461</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 Composite	<u>  </u>
D. MONTH FACTOR		<u>  </u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )		<u>1.030</u> <u>15910</u> <u>5970</u> #
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>21,927</u> <u>#3</u> = <u>#25</u> <u>#1 x #24</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>9319</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>	

2

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [26]
	*SHRP SECTION ID [9030]

Cluster 5

HIGHWAY ROUTE NO. (THIS COUNT) US-23  
MILEPOST# OR LOCATION (THIS COUNT) MP 16  
BEGINNING DATE 5/17/90 ENDING DATE 5/18/90  
BEGINNING TIME 10-11 AM <sup>10:30</sup> ENDING TIME 9-10 AM <sup>09:30</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     
NW

9

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>15,020</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>1.030</u> <sup>WB Composite</sup> <u>+5910</u> <sup>84</sup> <u>25151</u> <sup>pay</sup>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>25,151</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u> <sup>25151</sup>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u> <sup>15,020 x 2</sup>
6. AADT GPS LANE		<u>10,689</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>	

2

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID [ <u>9030</u> ]

Cluster  
5

HIGHWAY ROUTE NO. (THIS COUNT) US-23  
MILEPOST# OR LOCATION (THIS COUNT) MP 16  
BEGINNING DATE 5/17/90 ENDING DATE 5/18/90  
BEGINNING TIME 10-11AM ENDING TIME 9-10AM  
COUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHS  
TYPE OF COUNTER AVC PORT. NAME/MODEL # SARASOTA VC1900  
TYPE OF COUNT: TWO-WAY SE ONE DIRECTION ONLY X GPS TEST LANE ONLY SE

2

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>14903</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>1.030</u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )		<u>-5910</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>25074</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>10656</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>	

②

SHEET 4	*STATE ASSIGNED ID [ _ _ _ _ ]
LTPP TRAFFIC DATA	*STATE CODE [ <u>26</u> ]
TRAFFIC VOLUME COUNTS	*SHRP SECTION ID [ <u>9030</u> ]

*Plotted*  
5

HIGHWAY ROUTE NO. (THIS COUNT) 05-23  
MILEPOST# OR LOCATION (THIS COUNT) MP 16  
BEGINNING DATE 5/18/90 ENDING DATE 5/19/90  
BEGINNING TIME 10-11AM ENDING TIME 9-10AM  
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       
SE

③

ACTUAL COUNTS		UNITS
ITEM		
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>15795</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>2.000</u> ( <i>Directional Factor</i> )
B. AXLE CORRECTION FACTOR ( <i>See E</i> )		<u>    </u>
C. DAY OF WEEK FACTOR	} <i>Seasonal Factor</i>	<u>    </u>
D. MONTH FACTOR		<u>0.260</u>
E. OTHER FACTOR ( <u>-Excess Veh.</u> )		<u>-5910</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>18161</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>2718</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>	



2

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ 26 ]
	*SHRP SECTION ID [ 9030 ]

cluster  
5

HIGHWAY ROUTE NO. (THIS COUNT) US-23  
MILEPOST# OR LOCATION (THIS COUNT) MP 16  
BEGINNING DATE 5/18/90 ENDING DATE 5/19/90  
BEGINNING TIME 10-11AM <sup>10:30</sup> ENDING TIME 9-10AM <sup>09:30</sup>  
COUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHS  
TYPE OF COUNTER AVE PORT. NAME/MODEL # SARASOTA VC1900  
TYPE OF COUNT: TWO-WAY    ONE DIRECTION ONLY X GPS TEST LANE ONLY     
NW

10

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>15544</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>DMC - excess vehicle</u> )		<u>  </u>
	<u>- Excess Veh.</u>	<u>0.760</u> <sup>0.0</sup> <u>+ 5910</u> <sup>0.6</sup> <u>- 5910</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>17779</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>7556</u>

17779  
15544 x 2.0 = 31088

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>	

②

SHEET 4  LTPP TRAFFIC DATA  TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ <u>26</u> ]
	*SHRP SECTION ID [ <u>9030</u> ]

cluster  
5

HIGHWAY ROUTE NO. (THIS COUNT) US-23  
MILEPOST# OR LOCATION (THIS COUNT) MP 16  
BEGINNING DATE 5/19/90 ENDING DATE 5/20/90  
BEGINNING TIME 10-11 AM <sup>10:30</sup> ENDING TIME 9-10 AM <sup>09:30</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   

⑪

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>10339</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>0.900</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>12700</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.850</u>	
6. AADT GPS LANE	<u>5390</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>	

2

SHEET 4	*STATE ASSIGNED ID [ ]
LTPP TRAFFIC DATA	*STATE CODE [26]
TRAFFIC VOLUME COUNTS	*SHRP SECTION ID [9030]

Clinton  
5

HIGHWAY ROUTE NO. (THIS COUNT) US-23  
MILEPOST# OR LOCATION (THIS COUNT) MP 16  
BEGINNING DATE 5/19/90 ENDING DATE 5/20/90  
BEGINNING TIME 10-11AM ENDING TIME 9-10AM  
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    
SE

4

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>10,021</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>0.900</u>
		<u>-5910</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>12,127</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>5,154</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>	

2

SHEET 4	*STATE ASSIGNED ID [ _ _ _ _ ]
LTPP TRAFFIC DATA	*STATE CODE [ 26 ]
TRAFFIC VOLUME COUNTS	*SHRP SECTION ID [ 9030 ]

Cluster  
5

HIGHWAY ROUTE NO. (THIS COUNT) US-23  
MILEPOST# OR LOCATION (THIS COUNT) MP 16  
BEGINNING DATE 5/20/90 ENDING DATE 5/21/90  
BEGINNING TIME 10-11AM ENDING TIME 9-10AM  
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     
SE

5

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>14040</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>0.920</u>
E. OTHER FACTOR ( <u>-Excess Veh.</u> )		<u>5910</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>19783</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>8408</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>	

2

<b>SHEET 4</b>	*STATE ASSIGNED ID [ _ _ _ _ ]
<b>LTPP TRAFFIC DATA</b>	*STATE CODE [ <u>26</u> ]
<b>TRAFFIC VOLUME COUNTS</b>	*SHRP SECTION ID [ <u>9030</u> ]

Cluster  
5

HIGHWAY ROUTE NO. (THIS COUNT) 05-23  
MILEPOST# OR LOCATION (THIS COUNT) MP 16  
BEGINNING DATE 5/20/90 ENDING DATE 5/21/90  
BEGINNING TIME 10:30 10-11 AM ENDING TIME 9:30 9-10 AM  
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       
NW

12

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>16,469</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 WTB	<u>    </u>
D. MONTH FACTOR		<u>    </u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )		<u>0.920</u>
		<u>+5910</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>24,228</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>10,297</u>

Composite - 74

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

②

SHEET 4	*STATE ASSIGNED ID [ _ _ _ _ ]
LTPP TRAFFIC DATA	*STATE CODE [ 26 ]
TRAFFIC VOLUME COUNTS	*SHRP SECTION ID [ 9030 ]

Cluster  
5

HIGHWAY ROUTE NO. (THIS COUNT) US-23

MILEPOST# OR LOCATION (THIS COUNT) MP 16

BEGINNING DATE 5/21/90 ENDING DATE 5/22/90

BEGINNING TIME 10-11 AM <sup>10:30</sup> ENDING TIME 9-10 AM <sup>9:30</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     
NW

⑬

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>14515</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>1.030</u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )		<u>+5910</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>DMC: - Excess Vehicles</u>	<u>24107</u> $\left( \frac{24107}{14515} \right) \times 2 = 3.28$
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>10245</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>	

2

SHEET 4	*STATE ASSIGNED ID [ _ _ _ _ ]
LTPP TRAFFIC DATA	*STATE CODE [ 26 ]
TRAFFIC VOLUME COUNTS	*SHRP SECTION ID [ 9030 ]

Cluster 5

HIGHWAY ROUTE NO. (THIS COUNT) US-23  
MILEPOST# OR LOCATION (THIS COUNT) MP 16  
BEGINNING DATE 5/21/90 ENDING DATE 5/22/90  
BEGINNING TIME 10-11AM ENDING TIME 9-10AM  
COUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHS  
TYPE OF COUNTER AVC PORT. NAME/MODEL # SARASOTA VC1900  
TYPE OF COUNT: TWO-WAY SE ONE DIRECTION ONLY X GPS TEST LANE ONLY SE

6

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>14052</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>1.000</u>
C. DAY OF WEEK FACTOR	} Seasonal Factor	<u>1.000</u>
D. MONTH FACTOR		<u>1.030</u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )		<u>1.030</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>23149</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>9838</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>	

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SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [26]
	*SHRP SECTION ID [9030]

Cluster  
5

HIGHWAY ROUTE NO. (THIS COUNT) US-23  
MILEPOST# OR LOCATION (THIS COUNT) MP 16  
BEGINNING DATE 5/22/90 ENDING DATE 5/23/90  
BEGINNING TIME 10-11AM ENDING TIME 9-10AM  
COUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHS  
TYPE OF COUNTER AVC PORT. NAME/MODEL # SARASOTA VC1900  
TYPE OF COUNT: TWO-WAY SE ONE DIRECTION ONLY X GPS TEST LANE ONLY SE

⑦

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>13574</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>1.030</u>
E. OTHER FACTOR ( <u>-Excess Veh.</u> )		<u>-5910</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>23161</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>9418</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>	



2

<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>9030</u> ]

*Cluster 2*

HIGHWAY ROUTE NO. (THIS COUNT) US-23

MILEPOST# OR LOCATION (THIS COUNT) MP16

BEGINNING DATE 5/2/91 ENDING DATE 5/2/91

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 VC1900

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

①

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>14,255</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	<u>2.000</u>	<i>(Directional Factor)</i>
B. AXLE CORRECTION FACTOR (See E)	<u>  </u>	
C. DAY OF WEEK FACTOR	<u>  </u>	
D. MONTH FACTOR	<u>0.980</u>	
E. OTHER FACTOR ( <u>-Excess Veh.</u> )	<u>-5.991</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>22,034</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.850</u>	
6. AADT GPS LANE	<u>9,364</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>	

(2)

<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>9030</u> ]

Cluster  
2HIGHWAY ROUTE NO. (THIS COUNT) US-23MILEPOST# OR LOCATION (THIS COUNT) MP16BEGINNING DATE 5/2/91 ENDING DATE 5/2/91BEGINNING TIME 12-1 AM ENDING TIME 11-12 PMCOUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHSTYPE OF COUNTER AWC PORT. NAME/MODEL # SARASOTA VC1900TYPE OF COUNT: TWO-WAY    ONE DIRECTION ONLY X GPS TEST LANE ONLY     
NW

(3)

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>15,001</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>+5.991</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>23,500</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.850</u>	
6. AADT GPS LANE	<u>9,988</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>	

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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>9030</u> ]
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Cluster  
2

HIGHWAY ROUTE NO. (THIS COUNT) US-23  
MILEPOST# OR LOCATION (THIS COUNT) MP16  
BEGINNING DATE 5/6/91 ENDING DATE 5/6/91  
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 VC1900  
TYPE OF COUNT: TWO-WAY    ONE DIRECTION ONLY X GPS TEST LANE ONLY     
SE

②

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>13104</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>0.980</u>
E. OTHER FACTOR ( <u>- Excess Veh.</u> )		<u>- 5.991</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>19771</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>8403</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>	

2

<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>9030</u> ]

HIGHWAY ROUTE NO. (THIS COUNT) US-23

MILEPOST# OR LOCATION (THIS COUNT) MP 16

BEGINNING DATE 5/6/91 ENDING DATE 5/6/91

BEGINNING TIME 12-1 AM <sup>00:30</sup> ENDING TIME 11-12 PM <sup>23:30</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   

4

ACTUAL COUNTS	
ITEM	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>14,172</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>+ 5.991</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>2,871</u>
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR	<u>0.850</u>
6. AADT GPS LANE	<u>9295</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>	