

SHEET 1

LTPP TRAFFIC DATA
SUMMARY TRANSMITTAL

ASSIGNED ID [_ _ _ _]

CODE [26]

SECTION ID [1012]

STATE OR PROVINCE Michigan COUNTY Mecosta

HIGHWAY ROUTE NO. US - 131 MILEPOST# MP 140

NEAREST CITY/TOWN 2 Mi. NW of Big Rapids NEAREST INTERSECTION 1 Mi. N. of US-131 B.R.

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

DIRECTION OF TRAVEL GPS LANE SB DATE OPENED TO TRAF. 06-10-84

FIPS COUNTY CODE 54 FHWA STATION IDENTIFICATION NO. 123

HPMS SAMPLE NO. _____ HPMS SUBDIVISION NO. _____

TYPE OF PAVEMENT: AC X PCC _____ OTHER _____

CONTROL OF ACCESS: YES X NO _____ MEDIAN: YES X NO _____

CURRENT SURROUNDING DEVELOPMENT:
URBAN _____ SUBURBAN _____ RURAL X

HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?
YES _____ NO X

IF YES, DESCRIBE CHANGES _____

NOTE: ATTACH ALL RELATED FORMS AND COUNT DATA AND SUBMIT TO THE
SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF
EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT
STATION RELATIVE TO THIS GPS TEST SECTION.

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

SHEET 1

LTPP TRAFFIC DATA

SUMMARY TRANSMITTAL FORM

*STATE ASSIGNED ID []

*STATE CODE [26]

*SHRP SECTION ID [1012]

STATE OR PROVINCE Michigan COUNTY Mecosta

HIGHWAY ROUTE NO. US - 131 MILEPOST# MP 140

NEAREST CITY/TOWN 2 Mi. NW of Big Rapids NEAREST INTERSECTION 1 Mi. N. of US-131 B.R.

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

DIRECTION OF TRAVEL GPS LANE SB DATE OPENED TO TRAF. 06-10-84 01/04

FIPS COUNTY CODE 54 FHWA STATION IDENTIFICATION NO. 123

HPMS SAMPLE NO. _____ HPMS SUBDIVISION NO. _____

TYPE OF PAVEMENT: AC X PCC _____ OTHER _____

CONTROL OF ACCESS: YES X NO _____ MEDIAN: YES X NO _____

CURRENT SURROUNDING DEVELOPMENT:
URBAN _____ SUBURBAN _____ RURAL X

HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?

YES _____ NO X

IF YES, DESCRIBE CHANGES _____

NOTE: ATTACH ALL RELATED FORMS AND COUNT DATA AND SUBMIT TO THE
SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF
EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT
STATION RELATIVE TO THIS GPS TEST SECTION.

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

DATE PREPARED 8/22/92

SHEET 1

LTPP TRAFFIC DATA

SUMMARY TRANSMITTAL FORM

*STATE ASSIGNED ID []

*STATE CODE [26]

*SHRP SECTION ID [1012]

SCANNED

JUN 17 2008

STATE OR PROVINCE Michigan COUNTY Mecosta

HIGHWAY ROUTE NO. US - 131 MILEPOST# MP 140

NEAREST CITY/TOWN 2 Mi. NW of Big Rapids NEAREST INTERSECTION 1 Mi. N. of US-131 B.R.

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

DIRECTION OF TRAVEL GPS LANE SB DATE OPENED TO TRAF. 06-10-84 06/01/88

FIPS COUNTY CODE 54 FHWA STATION IDENTIFICATION NO. 123

HPMS SAMPLE NO. _____ HPMS SUBDIVISION NO. _____

TYPE OF PAVEMENT: AC X PCC _____ OTHER _____

CONTROL OF ACCESS: YES X NO _____ MEDIAN: YES X NO _____

CURRENT SURROUNDING DEVELOPMENT:
URBAN _____ SUBURBAN _____ RURAL X

HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?

YES _____ NO X

IF YES, DESCRIBE CHANGES _____

NOTE: ATTACH ALL RELATED FORMS AND COUNT DATA AND SUBMIT TO THE SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT STATION RELATIVE TO THIS GPS TEST SECTION.

NAME OF PREPARER <u>Phillip R. Lamb</u>	PHONE # <u>517-335-2903</u>
DATE PREPARED <u>8/22/92</u>	

<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</p> <p style="margin: 0;">ESTIMATE UPDATE - NO SITE COUNT</p>	<p>*STATE ASSIGNED ID [_ _ _ _]</p> <p>*STATE CODE [<u>26</u>]</p> <p>*SHRP SECTION ID [<u>1012</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>100</u>	<u>10</u>	<u>45</u>	<u>5</u>	<u>2</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>517-335-2943</u>
DATE PREPARED <u>8/12/92</u>	

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE - NO SITE COUNT	*STATE ASSIGNED ID [_ _ _ _] *STATE CODE [<u>26</u>] *SHRP SECTION ID [<u>1012</u>]
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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>1981</u>	<u>100</u>	<u>10</u>	<u>45</u>	<u>5</u>	<u>2</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>517-335-2943</u>
DATE PREPARED <u>8/12/92</u>	

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE - NO SITE COUNT	*STATE ASSIGNED ID [_ _ _ _] *STATE CODE [<u>26</u>] *SHRP SECTION ID [<u>1012</u>]
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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>1982</u>	<u>100</u>	<u>10</u>	<u>45</u>	<u>5</u>	<u>2</u>

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

- ☐ Growth factored last year's estimate.
☒ Estimated based on volume counts at nearby locations. [] Other _____
☐ 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>517-335-2943</u>
DATE PREPARED <u>8/12/92</u>	

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE - NO SITE COUNT	*STATE ASSIGNED ID [_ _ _ _] *STATE CODE [<u>26</u>] *SHRP SECTION ID [<u>1012</u>]
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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>1983</u>	<u>100</u>	<u>10</u>	<u>45</u>	<u>5</u>	<u>2</u>

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

- ☐ Growth factored last year's estimate.
☒ Estimated based on volume counts at nearby locations. [] Other _____
☐ 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>517-335-2943</u>
DATE PREPARED <u>8/12/92</u>	

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE - NO SITE COUNT	*STATE ASSIGNED ID [_ _ _ _] *STATE CODE [<u>26</u>] *SHRP SECTION ID [<u>1012</u>]
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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>1984</u>	<u>100</u>	<u>10</u>	<u>45</u>	<u>5</u>	<u>2</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>517-335-2943</u>
DATE PREPARED <u>8/12/92</u>	

<p>SHEET 10</p> <p>LTPP TRAFFIC DATA</p> <p>TRAFFIC VOLUME AND LOAD</p> <p>ESTIMATE UPDATE - NO SITE COUNT</p>	<p>*STATE ASSIGNED ID [_ _ _ _]</p> <p>*STATE CODE [<u>26</u>]</p> <p>*SHRP SECTION ID [<u>1012</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>1985</u>	<u>7,500</u>	<u>600</u>	<u>3,375</u>	<u>270</u>	<u>99</u>

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

- ☒ Growth factored last year's estimate.
- ☒ Estimated based on volume counts at nearby locations. [] Other _____
- [] 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>	

<p>SHEET 10</p> <p>LTPP TRAFFIC DATA</p> <p>TRAFFIC VOLUME AND LOAD</p> <p>ESTIMATE UPDATE - NO SITE COUNT</p>	<p>*STATE ASSIGNED ID [_ _ _ _]</p> <p>*STATE CODE [<u>26</u>]</p> <p>*SHRP SECTION ID [<u>1012</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>1986</u>	<u>7,500</u>	<u>600</u>	<u>3,375</u>	<u>270</u>	<u>99</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 2
LTPP TRAFFIC DATA
TRAFFIC VOLUMES
AND LOAD ESTIMATES

*STATE ASSIGNED ID [_ _ _ _]
*STATE CODE [26]
*SHRP SECTION ID [1012]

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 .90</i>	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE <i>x .5 x .90</i>	5. ESTIMATED ESAL'S / YR GPS LANE (1000's) <i>165X</i>	<i>.5 x .90 x 36</i>
1989	<u>8,200</u>	<u>860</u>	<u>3,690</u>	<u>387</u>	<u>142</u>	
1988	<u>9,200</u>	<u>860</u>	<u>4,140</u>	<u>387</u>	<u>142</u>	
1987	<u>9,100</u>	<u>1,150</u>	<u>4,095</u>	<u>518</u>	<u>190</u>	
1986	<u>7,500</u>	<u>600</u>	<u>3,375</u>	<u>270</u>	<u>99</u>	
1985	<u>7,500</u>	<u>600</u>	<u>3,375</u>	<u>270</u>	<u>99</u>	
1984						
1983						
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1972						
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1970						
1969						
1968						
1967						
1966						
1965						

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

DATE PREPARED 2/23/91 Dave Smiley - Design

517-335-1904

SHEET 2

LTPP TRAFFIC DATA

TRAFFIC VOLUMES
AND LOAD ESTIMATES

*STATE ASSIGNED ID [_ _ _ _]

*STATE CODE [26]

*SHRP SECTION ID [1012]

YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE 1.x.5x.90	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE 2.x.5x.90	5. ESTIMATED ESAL'S/YR GPS LANE (1000's) x165 2.x.5x.90x365
1991 1989	8,300	1,340	3,735	603	221
1990 1988	12,100	1,340	5,445	603	221
1987					
1986					
1985	7,500	600	3,375	270	99
1984	100	10	45	5	2
1983	100	10	45	5	2
1982	100	10	45	5	2
1981	100	10	45	5	2
1980	100	10	45	5	2
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 8/12/92 Dave Smiley - Design
517-335-1904

9

SHEET 3 LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS	*STATE ASSIGNED ID [_ _ _] *STATE CODE [26] *SHRP SECTION ID [10/2]
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1. 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.
☐ Grown 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>517-335-2943</u>
DATE PREPARED <u>8/12/92</u>	<u>Dave Smiley - Design</u> <u>517-335-1904</u>

6

SHEET 3 LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS	*STATE ASSIGNED ID [] *STATE CODE <u>126</u> *SHRP SECTION ID <u>10/2</u>
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1. 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.
- ☐ Grown 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>517-335-2923</u>
DATE PREPARED <u>8/12/92</u>	<u>Dave Smiley - Design</u> <u>517-335-1904</u>

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SHEET 3 LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS	*STATE ASSIGNED ID [_ _ _] *STATE CODE <u>126</u> *SHRP SECTION ID [<u>10/2</u>]
--	--

1. 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: _____

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DATE PREPARED <u>8/12/92</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 1261

*SHRP SECTION ID 10/21

1. 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.
☐ Grown 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 8/12/92
Dave Smiley - Design
517-335-1904

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SHEET 3 LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS	*STATE ASSIGNED ID [] *STATE CODE <u>26</u> *SHRP SECTION ID <u>10/2</u>
--	---

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.
☐ Grown 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 [10/2]

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 Phillip R. Lamb PHONE # 517-335-2923DATE 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 126

*SHRP SECTION ID 10/2

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.
- ☐ Grown 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

DATE PREPARED 8/12/92

PHONE # 517-335-2923

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 [1012]

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 # 517-335-2903DATE 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 [1012]

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: _____

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 DATE PREPARED 2/22/91 Dave Smiley - Design
517-335-1904

<p>SHEET 3</p> <p>LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS</p>	<p>*STATE ASSIGNED ID [_ _ _ _]</p> <p>*STATE CODE [<u>26</u>]</p> <p>*SHRP SECTION ID [<u>1012</u>]</p>
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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 <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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SHEET 3 LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS	*STATE ASSIGNED ID [_ _ _ _] *STATE CODE [<u>26</u>] *SHRP SECTION ID [<u>10/21</u>]
--	--

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.
☐ Grown 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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SHEET 3 LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS	*STATE ASSIGNED ID [_ _ _ _] *STATE CODE <u>126</u> *SHRP SECTION ID <u>10/21</u>
--	---

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.
☐ Grown 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>

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [<u>26</u>]
	*SHRP SECTION ID [<u>1012</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-131

MILEPOST# OR LOCATION (THIS COUNT) 1 Mile N. of M-20

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 _____

1985
N/A

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	-----	
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)	-----	
C. DAY OF WEEK FACTOR	} Seasonal Factor	-----
D. MONTH FACTOR		-----
E. OTHER FACTOR (<u>- Excess Veh.</u>)		-----
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	-----	
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.900</u>
6. AADT GPS LANE	-----	

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [<u>26</u>]
	*SHRP SECTION ID [<u>1012</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-131

MILEPOST# OR LOCATION (THIS COUNT) 0.1 Mile N. of M-20

1986

N/A

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		<u>2.000</u> (Directional Factor)
B. AXLE CORRECTION FACTOR (See E)	-----	-----
C. DAY OF WEEK FACTOR	} Seasonal Factor	-----
<u>D.</u> 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>0.900</u>
6. AADT GPS LANE	-----	-----

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [<u>26</u>]
	*SHRP SECTION ID [<u>1012</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-131

MILEPOST# OR LOCATION (THIS COUNT) 1 Mile N. of M-20

BEGINNING DATE 6/23/87 ENDING DATE 6/25/87

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

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

TYPE OF COUNTER AVC PORT. NAME/MODEL # SARASOTA VC1946

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

ITEM	ACTUAL COUNTS	UNITS	
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>4465</u>		8929 ÷ 2 4465
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		
D. MONTH FACTOR			
E. OTHER FACTOR (<u>- Excess Veh.</u>)	<u> </u>		
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>8930</u>		
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>		
5. GPS LANE DISTRIBUTION FACTOR	<u>0.900</u>		
6. AADT GPS LANE	<u>4019</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>	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE <u>26</u>
	*SHRP SECTION ID <u>1012</u>

HIGHWAY ROUTE NO. (THIS COUNT) US-131

MILEPOST# OR LOCATION (THIS COUNT) 1 mile N. of M-26

BEGINNING DATE 6/23/87 ENDING DATE 6/25/87

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

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

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

TYPE OF COUNT: TWO-WAY 5B ONE DIRECTION ONLY X GPS TEST LANE ONLY 8,597

ITEM	ACTUAL COUNTS	UNITS	
1. TOTAL NO. OF VEHICLES (RAW COUNT)			<u>4299</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>8598</u>
4. DIRECTIONAL DISTRIBUTION FACTOR			<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR			<u>0.900</u>
6. AADT GPS LANE			<u>3869</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 [<u>26</u>]
	*SHRP SECTION ID [<u>1012</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-131
 MILEPOST# OR LOCATION (THIS COUNT) 1 Mile N. of M-20
 BEGINNING DATE 10/17/88 ENDING DATE 10/18/88
 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 X GPS TEST LANE ONLY
NB

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>4,144</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>2.000</u> (Directional Fact.)
B. AXLE CORRECTION FACTOR (See E)		<u> </u>
C. DAY OF WEEK FACTOR	} Seasonal Factor	<u> </u>
<u>D.</u> MONTH FACTOR		<u>1.173</u>
E. OTHER FACTOR (<u>- Excess Veh.</u>)		<u>920</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>8801</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.900</u>
6. AADT GPS LANE		<u>3960</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 [<u>26</u>]
	*SHRP SECTION ID [<u>1012</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-131

MILEPOST# OR LOCATION (THIS COUNT) 1 Mile N. of M-20

BEGINNING DATE 10/17/88 ENDING DATE 10/18/88

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 X GPS TEST LANE ONLY
58

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>4727</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>2.000</u> (Directional Fact.)
B. AXLE CORRECTION FACTOR (See E)		<u> </u>
C. DAY OF WEEK FACTOR	} Seasonal Factor	<u> </u>
<u>D.</u> MONTH FACTOR		<u>1.113</u>
E. OTHER FACTOR (<u>- Excess Veff.</u>)		<u>920</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>10169</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.900</u>
6. AADT GPS LANE		<u>4576</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 [<u>26</u>]
	*SHRP SECTION ID [<u>1012</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-131
 MILEPOST# OR LOCATION (THIS COUNT) 1 Mile N. of M-20
 BEGINNING DATE 10/18/88 ENDING DATE 10/19/88
 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 X GPS TEST LANE ONLY
NB

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)	--	<u>4212</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	2.000	(Directional Fact.)
B. AXLE CORRECTION FACTOR (See E)	
C. DAY OF WEEK FACTOR	} Seasonal Factor
D. MONTH FACTOR		→ <u>1.173</u>
E. OTHER FACTOR (<u>- Excess Veff.</u>)	-	<u>920</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	--	<u>8961</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.900</u>
6. AADT GPS LANE	--	<u>4032</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 [<u>26</u>]
	*SHRP SECTION ID [<u>1012</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-131
MILEPOST# OR LOCATION (THIS COUNT) 1 Mile N. of M-20
BEGINNING DATE 10/18/88 ENDING DATE 10/19/88
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 X GPS TEST LANE ONLY
SB

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>4157</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>1.173</u>
E. OTHER FACTOR (<u>- Excess Veh.</u>)		<u>-920</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>8832</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.900</u>
6. AADT GPS LANE		<u>3974</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 [<u>26</u>]
	*SHRP SECTION ID [<u>1012</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-131
 MILEPOST# OR LOCATION (THIS COUNT) 1 Mile N. of M-20
 BEGINNING DATE 1/189 ENDING DATE 1/189
 BEGINNING TIME 10-11AM ENDING TIME 09-10AM
 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

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)		-----
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)		-----
C. DAY OF WEEK FACTOR	} Seasonal Factor	-----
<u>D.</u> MONTH FACTOR		<u>1.040</u>
E. OTHER FACTOR (<u>- Excess Veh.</u>)		<u>-920</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		-----
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.900</u>
6. AADT GPS LANE		-----

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [<u>26</u>]
	*SHRP SECTION ID [<u>1012</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-131
 MILEPOST# OR LOCATION (THIS COUNT) 1 Mile N. of M-20
 BEGINNING DATE 6/5/89 ENDING DATE 6/6/89
 BEGINNING TIME 10-11AM ENDING TIME 09-10AM
 COUNT DURATION 24 [X] HOURS [] DAYS [] MONTHS
 TYPE OF COUNTER AVC PORT. NAME/MODEL # SARA SOTA VC190
 TYPE OF COUNT: TWO-WAY ONE DIRECTION ONLY X GPS TEST LANE ONLY
SB

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>4,609</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>1.040</u>
E. OTHER FACTOR (<u>- Excess Vep.</u>)		<u>920</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>8675</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.900</u>
6. AADT GPS LANE		<u>3904</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>	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [<u>26</u>]
	*SHRP SECTION ID [<u>1012</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-131

MILEPOST# OR LOCATION (THIS COUNT) 1 Mile N. of M-20

BEGINNING DATE 6/5/89 ENDING DATE 6/6/89

BEGINNING TIME 10-11 AM ENDING TIME 09-10 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

NB

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>4580</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>1.040</u>
E. OTHER FACTOR (<u>- Excess Veh.</u>)		<u>1.20</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>861.5</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.900</u>
6. AADT GPS LANE		<u>3877</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 [<u>26</u>]
	*SHRP SECTION ID [<u>1012</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-131

MILEPOST# OR LOCATION (THIS COUNT) 1 Mile N. of M-20

BEGINNING DATE 6/6/89 ENDING DATE 6/7/89

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

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

TYPE OF COUNTER AVC PORT. NAME/MODEL # SARASOTA VC190

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>4064</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>1.040</u>
E. OTHER FACTOR (<u>- Excess Veh.</u>)		<u>920</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>8461</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.900</u>
6. AADT GPS LANE		<u>3867</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 [<u>26</u>]
	*SHRP SECTION ID [<u>1012</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-131
MILEPOST# OR LOCATION (THIS COUNT) 1 Mile N. of M-20
BEGINNING DATE 6/6/89 ENDING DATE 6/7/89
BEGINNING TIME 10-11AM ENDING TIME 09-10AM
COUNT DURATION 24 [X] HOURS [] DAYS [] MONTHS
TYPE OF COUNTER AVC PORT. NAME/MODEL # SARA SOTA VC1900
TYPE OF COUNT: TWO-WAY ONE DIRECTION ONLY X GPS TEST LANE ONLY
NB

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>4305</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>1.040</u>
E. OTHER FACTOR (<u>- Excess Veh.</u>)		<u>920</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>8043</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.900</u>
6. AADT GPS LANE		<u>3619</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>	

9

<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>1012</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-131

MILEPOST# OR LOCATION (THIS COUNT) 1 Mile North of M-20

BEGINNING DATE 6/27/90 ENDING DATE 6/28/90

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

ACTUAL COUNTS		
①	ITEM	UNITS
1.	TOTAL NO. OF VEHICLES (RAW COUNT)	<u>5098</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>1.040</u>
	E. OTHER FACTOR (<u>- Excess Veh.</u>)	<u> </u>
3.	ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>10614</u>
4.	DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>
5.	GPS LANE DISTRIBUTION FACTOR	<u>0.900</u>
6.	AADT GPS LANE	<u>4776</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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<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>1012</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-131

MILEPOST# OR LOCATION (THIS COUNT) 1 mile North of M-20

BEGINNING DATE 6/28/90 ENDING DATE 6/29/90

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

NB

②	<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1.	TOTAL NO. OF VEHICLES (RAW COUNT)	<u>6441</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 <u>(See E)</u>	<u> </u>	
	C. DAY OF WEEK FACTOR	<u> </u>	
	D. MONTH FACTOR	<u>1.040</u>	
	E. OTHER FACTOR <u>(-Excess Veh.)</u>	<u> </u>	
3.	ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>13410</u>	
4.	DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>	
5.	GPS LANE DISTRIBUTION FACTOR	<u>0.900</u>	
6.	AADT GPS LANE	<u>6035</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>	

9

SHEET 4	*STATE ASSIGNED ID [_ _ _ _]
LTPP TRAFFIC DATA	*STATE CODE [<u>26</u>]
TRAFFIC VOLUME COUNTS	*SHRP SECTION ID [<u>1012</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-131
MILEPOST# OR LOCATION (THIS COUNT) 1 mile North of M-20
BEGINNING DATE 6/29/90 ENDING DATE 6/30/90
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
NB

③	ITEM	ACTUAL COUNTS	UNITS
1.	TOTAL NO. OF VEHICLES (RAW COUNT)		<u>13242</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>0.670</u>
	E. OTHER FACTOR (<u>- Excess Veh.</u>)		<u> </u>
3.	ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>17639</u>
4.	DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5.	GPS LANE DISTRIBUTION FACTOR		<u>0.900</u>
6.	AADT GPS LANE		<u>7930</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>	

9

<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>1012</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-131

MILEPOST# OR LOCATION (THIS COUNT) 1 mile North of M-20

BEGINNING DATE 6/30/90 ENDING DATE 7/1/90

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

SB

(4)	ITEM	ACTUAL COUNTS	UNITS
1.	TOTAL NO. OF VEHICLES (RAW COUNT)		<u>8643</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>0.720</u>
	E. OTHER FACTOR (<u>-Excess Veh.</u>)		<u> </u>
3.	ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>12515</u>
4.	DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5.	GPS LANE DISTRIBUTION FACTOR		<u>0.900</u>
6.	AADT GPS LANE		<u>5632</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>	

9

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [] *STATE CODE <u>26</u> *SHRP SECTION ID <u>1012</u>
--	---

HIGHWAY ROUTE NO. (THIS COUNT) US-131
MILEPOST# OR LOCATION (THIS COUNT) 1 Mile North of M-20
BEGINNING DATE 7/1/90 ENDING DATE 7/2/90
BEGINNING TIME 10-11AM¹⁰³⁰ ENDING TIME 9-10AM⁰⁹³⁰
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

SB

⑤ ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>4971</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>0.830</u>
E. OTHER FACTOR (<u>-Excess Veh.</u>)		<u> </u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>6152</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.900</u>
6. AADT GPS LANE		<u>2768</u>

NOTE: COMPLETE ONE SH

all sheet 1, 2, 110
3 entered
sh 3 no
DATES

SESSION.

NAME OF PREPARE
DATE PREPARED

PHONE # 517-335-2903

9

<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>]
	*SRP SECTION ID [<u>1012</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-131

MILEPOST# OR LOCATION (THIS COUNT) 1 mile North of M-20

BEGINNING DATE 8/12/91 ENDING DATE 8/13/91

BEGINNING TIME 9-10AM ENDING TIME 8-9AM

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

3

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>5898</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>0.850</u>
E. OTHER FACTOR (<u>-Excess Veh.</u>)		<u>1.550</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>8441</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.900</u>
6. AADT GPS LANE		<u>3798</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>8/12/91</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>1012</u>]</p>

HIGHWAY ROUTE NO. (THIS COUNT) US-131
MILEPOST# OR LOCATION (THIS COUNT) 1 mile North of M-20
BEGINNING DATE 8/12/91 ENDING DATE 8/13/91
BEGINNING TIME 9-10AM ENDING TIME 8-9AM
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
NB

ACTUAL COUNTS

①

ITEM

UNITS

- | | |
|---|----------------------------|
| 1. TOTAL NO. OF VEHICLES (RAW COUNT) | 6397 |
| 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 | ---- |
| D. MONTH FACTOR | 0.850 |
| E. OTHER FACTOR (- Excess Veh.) | 1.550 |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)
(TWO-WAY) | 9286 |
| 4. DIRECTIONAL DISTRIBUTION FACTOR | 0.500 |
| 5. GPS LANE DISTRIBUTION FACTOR | 0.900 |
| 6. AADT GPS LANE | 4179 |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

SHEET 4

LTPP TRAFFIC DATA

TRAFFIC VOLUME COUNTS

*STATE ASSIGNED ID [_ _ _]

STATE CODE [26]

•SHRP SECTION ID [1012]

HIGHWAY ROUTE NO. (THIS COUNT) US-131

MILEPOST# OR LOCATION (THIS COUNT) 1 mile North of M-20

BEGINNING DATE 8/13/91 ENDING DATE 8/14/91

BEGINNING TIME 9-10 AM ENDING TIME 8-9 AM

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___
NR

ACTUAL COUNTS

②

ITEM

UNITS

1. TOTAL NO. OF VEHICLES (RAW COUNT)

6,143

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

D. MONTH FACTOR

E. OTHER FACTOR (-Excess Veh.)

0.850

-1550

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

8856

4. DIRECTIONAL DISTRIBUTION FACTOR

0.500

5. GPS LANE DISTRIBUTION FACTOR

0.900

6. AADT GPS LANE

3985

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

DATE PREPARED 8/12/92

9

<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>1012</u>]

HIGHWAY ROUTE NO. (THIS COUNT) US-131

MILEPOST# OR LOCATION (THIS COUNT) 1 mile North of M-20

BEGINNING DATE 8/13/91 ENDING DATE 8/14/91

BEGINNING TIME 9-10AM ENDING TIME 8-9AM

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

ACTUAL COUNTS	
ITEM	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>4932</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>0.850</u>
E. OTHER FACTOR (<u>-Excess Veh.</u>)	<u>1.550</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>6804</u>
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR	<u>0.900</u>
6. AADT GPS LANE	<u>3062</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>	

9

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [_____]
	*STATE CODE [<u>26</u>]
	*SHRP SECTION ID [<u>1012</u>]

HIGHWAY RT. NO. (THIS COUNT) US-131 MILEPOST# (THIS COUNT) MP 140

LOCATION (THIS COUNT) 1 Mile N. of M-20 FUNCTIONAL CLASS 02

BEGINNING DATE 6/27/90 ENDING DATE 6/28/90

BEGINNING TIME 10-11AM ENDING TIME 9-10AM 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 VC 1900

TOTAL NO. OF VEHICLES CLASSIFIED 4501 ⁹⁵⁹³ # TRUCKS 668 ¹⁴⁰⁹ % TRUCKS 14.8

NO. OF TRUCKS IN GPS LANE 601 ⁶⁰³ % 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.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>8184</u>	<u>3833</u>	<u>3450</u>
2. FHWA CLASS 4 (Buses)	<u>139</u>	<u>66</u>	<u>59</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>137</u>	<u>59</u>	<u>53</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>118</u>	<u>46</u>	<u>41</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>3</u>	<u>0</u>	<u>0</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>346</u>	<u>137</u>	<u>123</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>450</u>	<u>249</u>	<u>224</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>51</u>	<u>20</u>	<u>18</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>47</u>	<u>29</u>	<u>26</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>8</u>	<u>4</u>	<u>4</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>110</u>	<u>61</u>	<u>55</u>
12. OTHER VEHICLES	<u>8</u>	<u>—</u>	<u>—</u>
GRAND TOTAL	<u>9593</u>	<u>4504</u>	<u>4053</u>

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

9

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [_____]
	*STATE CODE [36]
	*SHRP SECTION ID [1012]

HIGHWAY RT. NO. (THIS COUNT) US-131 MILEPOST# (THIS COUNT) MP 140

LOCATION (THIS COUNT) 1 Mile N. of M-20 FUNCTIONAL CLASS 02

BEGINNING DATE 6/27/90 ENDING DATE 6/28/90

BEGINNING TIME 10-11AM ENDING TIME 9-10AM 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 VC 1900

TOTAL NO. OF VEHICLES CLASSIFIED 5,098 # TRUCKS 747 % TRUCKS 14.7

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

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.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	<u>OPPOSITE</u> TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>8184</u>	<u>4351</u>	
2. FHWA CLASS 4 (Buses)	<u>139</u>	<u>73</u>	
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>137</u>	<u>78</u>	
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>118</u>	<u>72</u>	
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>3</u>	<u>3</u>	
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>346</u>	<u>209</u>	
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>450</u>	<u>201</u>	
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>51</u>	<u>31</u>	
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>47</u>	<u>27</u>	
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>8</u>	<u>4</u>	
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>110</u>	<u>49</u>	
12. OTHER VEHICLES	<u>0</u>		
GRAND TOTAL	<u>9593</u>	<u>5098</u>	

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

9

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [_____]
	*STATE CODE [<u>26</u>]
	*SHRP SECTION ID [<u>1012</u>]

HIGHWAY RT. NO. (THIS COUNT) US-131 MILEPOST# (THIS COUNT) MP 140

LOCATION (THIS COUNT) 1 Mile N. of M-20 FUNCTIONAL CLASS 02

BEGINNING DATE 6/28/90 ENDING DATE 6/28/90

BEGINNING TIME 10-11AM ENDING TIME 9-10AM 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 VC 1900

TOTAL NO. OF VEHICLES CLASSIFIED 4650 # TRUCKS 691 % TRUCKS 14.9

NO. OF TRUCKS IN GPS LANE 622 % OF TRUCKS IN GPS LANE 14.9

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.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>4538</u>	<u>3959</u>	<u>3563</u>
2. FHWA CLASS 4 (Buses)	<u>146</u>	<u>62</u>	<u>56</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>130</u>	<u>60</u>	<u>54</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>134</u>	<u>49</u>	<u>44</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>6</u>	<u>3</u>	<u>3</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>455</u>	<u>164</u>	<u>148</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>443</u>	<u>226</u>	<u>203</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>60</u>	<u>28</u>	<u>25</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>55</u>	<u>30</u>	<u>27</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>5</u>	<u>3</u>	<u>3</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>117</u>	<u>66</u>	<u>59</u>
12. OTHER VEHICLES	<u>0</u>	<u>—</u>	<u>—</u>
GRAND TOTAL	<u>11089</u>	<u>4650</u>	<u>4185</u>

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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9

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [_____]
	*STATE CODE [<u>26</u>]
	*SHRP SECTION ID [<u>1012</u>]

HIGHWAY RT. NO. (THIS COUNT) US-131 MILEPOST# (THIS COUNT) MP 140

LOCATION (THIS COUNT) 1 Mile N. of M-20 FUNCTIONAL CLASS 02

BEGINNING DATE 6/28/90 ENDING DATE 6/29/90

BEGINNING TIME 10-11AM ENDING TIME 9-10AM DURATION (HRS) 24

2

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 6,441 # TRUCKS 862 % TRUCKS 13.4

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

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.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	^{OPPOSITE} TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	-----	<u>5,572</u>	-----
2. FHWA CLASS 4 (Buses)	-----	<u>84</u>	-----
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	-----	<u>70</u>	-----
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	-----	<u>85</u>	-----
5. FHWA CLASS 7 (4 or more Axle SU Truck)	-----	<u>3</u>	-----
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	-----	<u>291</u>	-----
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	-----	<u>217</u>	-----
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	-----	<u>32</u>	-----
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	-----	<u>25</u>	-----
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	-----	<u>2</u>	-----
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	-----	<u>53</u>	-----
12. OTHER VEHICLES	-----	-----	-----
GRAND TOTAL	-----	<u>6,441</u>	-----

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

9

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [_____]
	*STATE CODE [26]
	*SHRP SECTION ID [1012]

HIGHWAY RT. NO. (THIS COUNT) US-131 MILEPOST# (THIS COUNT) MP 140

LOCATION (THIS COUNT) 1 Mile N. of M-20 FUNCTIONAL CLASS 02

BEGINNING DATE 6/29/90 ENDING DATE 6/30/90

BEGINNING TIME 10-11AM ENDING TIME 9-10AM 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 VC 1900

TOTAL NO. OF VEHICLES CLASSIFIED 5313 ¹⁸⁵⁵⁶ # TRUCKS 573 ¹⁷⁰¹ % TRUCKS 10.8

NO. OF TRUCKS IN GPS LANE 516 % OF TRUCKS IN GPS LANE 10.8

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.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>16855</u>	<u>4740</u>	<u>4266</u>
2. FHWA CLASS 4 (Buses)	<u>189</u>	<u>67</u>	<u>60</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>124</u>	<u>51</u>	<u>46</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>151</u>	<u>48</u>	<u>43</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>17</u>	<u>7</u>	<u>6</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>716</u>	<u>144</u>	<u>130</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>362</u>	<u>206</u>	<u>180</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>36</u>	<u>12</u>	<u>11</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>30</u>	<u>15</u>	<u>14</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>7</u>	<u>2</u>	<u>2</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>69</u>	<u>27</u>	<u>24</u>
12. OTHER VEHICLES	<u>0</u>	<u>0</u>	<u>0</u>
GRAND TOTAL	<u>18556</u>	<u>5313</u>	<u>4782</u>

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

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SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [_____]
	*STATE CODE [36]
	*SHRP SECTION ID [1012]

HIGHWAY RT. NO. (THIS COUNT) US-131 MILEPOST# (THIS COUNT) MP 140
LOCATION (THIS COUNT) 1 Mile N. of M-20 FUNCTIONAL CLASS 02
BEGINNING DATE 6/29/90 ENDING DATE 6/30/90
BEGINNING TIME 10-11AM ENDING TIME 9-10AM 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 VC 1900
TOTAL NO. OF VEHICLES CLASSIFIED 13,243 # TRUCKS 1,120 % TRUCKS 8.6
NO. OF TRUCKS IN GPS LANE _____ % OF TRUCKS IN GPS LANE _____
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.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	<u>OPPOSITE</u> TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	_____	<u>13,115</u>	_____
2. FHWA CLASS 4 (Buses)	_____	<u>122</u>	_____
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	_____	<u>73</u>	_____
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	_____	<u>103</u>	_____
5. FHWA CLASS 7 (4 or more Axle SU Truck)	_____	<u>10</u>	_____
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	_____	<u>572</u>	_____
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	_____	<u>162</u>	_____
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	_____	<u>24</u>	_____
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	_____	<u>15</u>	_____
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	_____	<u>5</u>	_____
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	_____	<u>42</u>	_____
12. OTHER VEHICLES	_____	_____	_____
GRAND TOTAL	_____	<u>13,243</u>	_____

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

9

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [_____] *STATE CODE [<u>26</u>] *SHRP SECTION ID [<u>1012</u>]
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HIGHWAY RT. NO. (THIS COUNT) US-131 MILEPOST# (THIS COUNT) MP 140

LOCATION (THIS COUNT) 1 Mile N. of M-20 FUNCTIONAL CLASS 02

BEGINNING DATE 6/30/90 ENDING DATE 7/1/90

BEGINNING TIME 10-11AM ENDING TIME 9-10AM DURATION (HRS) 24

TYPE OF COUNT: MANUAL _____ AUTOMATED X NO. OF LANES COUNTED 24

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

EQUIPMENT NAME / MODEL # SARASOTA VC 1900

TOTAL NO. OF VEHICLES CLASSIFIED 5247 ¹³⁸⁹⁰ # TRUCKS 350 ⁸⁷⁸ % TRUCKS 6.7

NO. OF TRUCKS IN GPS LANE 315 ³¹⁶ % OF TRUCKS IN GPS LANE 6.7

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.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>13012</u>	<u>4897</u>	<u>4407</u>
2. FHWA CLASS 4 (Buses)	<u>111</u>	<u>44</u>	<u>40</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>62</u>	<u>31</u>	<u>28</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>72</u>	<u>24</u>	<u>22</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>8</u>	<u>2</u>	<u>2</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>444</u>	<u>146</u>	<u>127</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>129</u>	<u>78</u>	<u>70</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>16</u>	<u>11</u>	<u>10</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>6</u>	<u>3</u>	<u>3</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>0</u>	<u>0</u>	<u>0</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>30</u>	<u>16</u>	<u>14</u>
12. OTHER VEHICLES	<u>0</u>	<u>0</u>	<u>0</u>
GRAND TOTAL	<u>13890</u>	<u>5247</u>	<u>4722</u> ⁴⁷²³

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 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [_____]
	*STATE CODE [<u>36</u>]
	*SHIP SECTION ID [<u>1012</u>]

HIGHWAY RT. NO. (THIS COUNT) US-131 MILEPOST# (THIS COUNT) MP 140

LOCATION (THIS COUNT) 1 Mile N. of M-20 FUNCTIONAL CLASS 02
 BEGINNING DATE 6/30/90 ENDING DATE 7/1/90
 BEGINNING TIME 10-11AM ENDING TIME 9-10AM 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 VC 1900

TOTAL NO. OF VEHICLES CLASSIFIED 8,643 # TRUCKS 528 % TRUCKS 6.1

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

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.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	^{OPPOSITE} TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	-----	<u>8,115</u>	-----
2. FHWA CLASS 4 (Buses)	-----	<u>62</u>	-----
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	-----	<u>31</u>	-----
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	-----	<u>48</u>	-----
5. FHWA CLASS 7 (4 or more Axle SU Truck)	-----	<u>6</u>	-----
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	-----	<u>303</u>	-----
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	-----	<u>51</u>	-----
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	-----	<u>5</u>	-----
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	-----	<u>3</u>	-----
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	-----	<u>0</u>	-----
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	-----	<u>14</u>	-----
12. OTHER VEHICLES	-----	-----	-----
GRAND TOTAL	-----	<u>8,643</u>	-----

NAME OF PREPARER Phillip R. Lamb PHONE # 517-235-2903
 DATE PREPARED 8/12/92

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SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [_____]
	*STATE CODE [<u>36</u>]
	*SHRP SECTION ID [<u>1012</u>]

HIGHWAY RT. NO. (THIS COUNT) 08-131 MILEPOST# (THIS COUNT) MP 140

LOCATION (THIS COUNT) 1 Mile N. of M-20 FUNCTIONAL CLASS 02

BEGINNING DATE 7/1/90 ENDING DATE 7/2/90

BEGINNING TIME 10-11AM ENDING TIME 9-12PM 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 VC 1900

TOTAL NO. OF VEHICLES CLASSIFIED 11,238 # TRUCKS 582 % TRUCKS 5.2

NO. OF TRUCKS IN GPS LANE 524 % OF TRUCKS IN GPS LANE 5.2

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.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>16,523</u>	<u>10,656</u>	<u>9,590</u>
2. FHWA CLASS 4 (Buses)	<u>154</u>	<u>83</u>	<u>75</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>80</u>	<u>40</u>	<u>36</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>93</u>	<u>49</u>	<u>44</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>13</u>	<u>10</u>	<u>9</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>437</u>	<u>231</u>	<u>208</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>231</u>	<u>104</u>	<u>94</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>38</u>	<u>21</u>	<u>19</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>26</u>	<u>11</u>	<u>10</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>6</u>	<u>0</u>	<u>0</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>59</u>	<u>33</u>	<u>30</u>
12. OTHER VEHICLES	<u>0</u>	<u>0</u>	<u>0</u>
GRAND TOTAL	<u>17,660</u>	<u>11,238</u>	<u>10,115</u>

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

9

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [_____]
	*STATE CODE [36]
	*SHRP SECTION ID [1012]

HIGHWAY RT. NO. (THIS COUNT) US-131 MILEPOST# (THIS COUNT) MP 140

LOCATION (THIS COUNT) 1 Mile N. of M-20 FUNCTIONAL CLASS 02

BEGINNING DATE 7/1/90 ENDING DATE 7/2/90

BEGINNING TIME 10-11AM ENDING TIME 9-10AM 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 VC 1900

TOTAL NO. OF VEHICLES CLASSIFIED 6,422 # TRUCKS 544 % TRUCKS 8.5

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

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.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO WAY	^{OPPOSITE} TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	-----	<u>5,867</u>	-----
2. FHWA CLASS 4 (Buses)	-----	<u>71</u>	-----
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	-----	<u>40</u>	-----
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	-----	<u>44</u>	-----
5. FHWA CLASS 7 (4 or more Axle SU Truck)	-----	<u>3</u>	-----
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	-----	<u>206</u>	-----
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	-----	<u>127</u>	-----
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	-----	<u>17</u>	-----
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	-----	<u>15</u>	-----
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	-----	<u>6</u>	-----
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	-----	<u>26</u>	-----
12. OTHER VEHICLES	-----	-----	-----
GRAND TOTAL	-----	<u>6,422</u>	-----

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

9

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [_____]] *STATE CODE [<u>36</u>] *SHRP SECTION ID [<u>1012</u>]
---	---

HIGHWAY RT. NO. (THIS COUNT) US-131 MILEPOST# (THIS COUNT) MP 140
LOCATION (THIS COUNT) 1 Mile N. of M-20 FUNCTIONAL CLASS 02
BEGINNING DATE 7/2/90 ENDING DATE 7/3/90
BEGINNING TIME 10-11AM ENDING TIME 9-10AM 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 VC 1900
TOTAL NO. OF VEHICLES CLASSIFIED 4971 # TRUCKS 654 % TRUCKS 13.2
NO. OF TRUCKS IN GPS LANE _____ % OF TRUCKS IN GPS LANE _____
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.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	OPPOSITE TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	-----	<u>4317</u>	-----
2. FHWA CLASS 4 (Buses)	-----	<u>59</u>	-----
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	-----	<u>53</u>	-----
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	-----	<u>51</u>	-----
5. FHWA CLASS 7 (4 or more Axle SU Truck)	-----	<u>1</u>	-----
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	-----	<u>199</u>	-----
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	-----	<u>179</u>	-----
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	-----	<u>29</u>	-----
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	-----	<u>30</u>	-----
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	-----	<u>2</u>	-----
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	-----	<u>51</u>	-----
12. OTHER VEHICLES	-----	-----	-----
GRAND TOTAL	-----	<u>4971</u>	-----

NAME OF PREPARER Phillip R. Lamb PHONE # 517-235-2903
DATE PREPARED 8/12/92

SHEET 14
LTPP TRAFFIC DATA
EQUIPMENT INSTALLATION LOG

*STATE ASSIGNED ID
*STATE CODE
*SHRP SECTION ID

1304
26
11012

LOCATION Big Rapids

INSTALLATION DATE _____

Control Unit(s) and peripheral equipment	TYPE	BRAND NAME	SERIAL NUMBER
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)	Piezo	Amp	
Diagonal Sensor	Piezo	Amp	
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package			
Axle Spacing Algorithm Only	DAW 3.73	PAT	
Other _____			
Loops			
Upstream - Lane 1	6' 4 Tarn		
Downstream - Lane 1	6' 4 Tarn		
Upstream - Other Lanes	6' 4 Tarn		
Downstream - Other Lanes	6' 4 Tarn		

revised November 11, 1999

SHEET 15 LTPP TRAFFIC DATA LOG OF CHANGE AT LTPP TEST LOCATIONS WITH PERM. AVC OR WIM	*STATE ASSIGNED ID	[125]
	*STATE CODE	[26]
	*SHRP SECTION ID	[1012]

LOCATION Big Rapids TYPE EQUIP. PAT
 MP# _____ MODEL # DAW 190

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
4-13	13:00	Installed DAW 190 with software Ver 3.090	James Kramer	517 322 1716	

revised November 11, 1999