

SHEET 1
LTPP TRAFFIC DATA
SUMMARY TRANSMITTAL FORM

*STATE ASSIGNED ID [_ _ _ _]
*STATE CODE [19]
*SHRP SECTION ID [3222]

STATE OR PROVINCE Iowa COUNTY CLINTON
HIGHWAY ROUTE NO. US 30 MILEPOST# 317
NEAREST CITY/TOWN Dewitt NEAREST INTERSECTION 5 MILES EAST OF US 461
FUNCTIONAL CLASS 32 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4
DIRECTION OF TRAVEL GPS LANE EAST DATE OPENED TO TRAF. 12-11-75
FIPS COUNTY CODE 045 FHWA STATION IDENTIFICATION NO. _____
HPMS SAMPLE NO. _____ HPMS SUBDIVISION NO. _____
TYPE OF PAVEMENT: AC _____ PCC / OTHER _____
CONTROL OF ACCESS: YES _____ 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 EARL SCHEUERMANN PHONE # 515-239-1153
DATE PREPARED 12-2-76

<p>SHEET 10 ²</p> <p>LTPP TRAFFIC DATA</p> <p>TRAFFIC VOLUME AND LOAD</p> <p>ESTIMATE UPDATE - NO SITE COUNT</p>	<p>*STATE ASSIGNED ID [<u>3006</u>]</p> <p>*STATE CODE [<u>19</u>]</p> <p>*SHRP SECTION ID [<u>3006</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>1989</u>	<u>4410</u>	<u>854</u>	<u>1860</u>	<u>366</u>	<u>167</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 GROWTH FACTORED
LAST YEARS ESTIMATE

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 GROWTH FACTORED
LAST YEARS ESTIMATE

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 GROWTH FACTORED
LAST YEARS ESTIMATE

8. WEIGHT SCALE TYPE

- ☐ WIM Scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☒ Other Static scales used
FOR ENFORCEMENT AND
PORTABLE SCALES

NAME OF PREPARER <u>EARL SCHEYERMAN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>1-9-92</u>	

SHEET 2

LTPP TRAFFIC DATA

TRAFFIC VOLUMES
AND LOAD ESTIMATES

*STATE ASSIGNED ID [3006]

*STATE CODE [19]

*SHRP SECTION ID [3006]

YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE	5. ESTIMATED ESAL'S/YR GPS LANE (1000's)
1989	4410	854	1860	366	167
1988	4639	747	1746	320	161 *
1987	3985	719	1681	308	155 *
1986	3831	691	1616	296	149
1985	4571	971	1810	408	196 *
1984	4408	936	1745	393	189 *
1983	3778	802	1496	337	162
1982	2819	725	1165	174	128 *
1981	2841	731	1174	175	129 *
1980	2819	725	1165	174	128 *
1979	2973	765	1229	183	135
1978	3105	582	1312	247	143 *
1977	2931	549	1239	233	135
1976	2653	543	1064	226	128
1975					N.A.
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

Forwarded
1-10-92
2-26-92

* ESTIMATED FROM PREVIOUS YEARS DATA.

Revised Figures
Estimated
6-8-92

NAME OF PREPARER EARL SCHEUERMANN PHONE # 515-239-1153
DATE PREPARED 12-2-91

<p>SHEET 2</p> <p>LTPP TRAFFIC DATA</p> <p>TRAFFIC VOLUMES AND LOAD ESTIMATES</p>	<p>*STATE ASSIGNED ID [3006]</p> <p>*STATE CODE [19]</p> <p>*SHRP SECTION ID [3006]</p>
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YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE	5. ESTIMATED ESAL'S/YR GPS LANE (1000's)
1989					
1988					161 *
1987					155 *
1986	3831	691	1616	296	149
1985					196 *
1984					189 *
1983	3778	802	1496	337	162
1982					128 *
1981					129 *
1980					128 *
1979	2973	765	1229	183	135
1978					143 *
1977	2931	549	1239	233	135
1976	2653	543	1064	226	128
1975					N.A
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

* ESTIMATED FROM PREVIOUS YEARS DATA.

NAME OF PREPARER <u>EARL SCHEUERMANN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>12-2-91</u>	

SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES	*STATE ASSIGNED ID [<u>3006</u>] *STATE CODE [<u>19</u>] *SHRP SECTION ID [<u>3006</u>]
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YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE	5. ESTIMATED ESAL'S / YR GPS LANE (1000's)
1989	<u>4410</u>	<u>854</u>	<u>1860</u>	<u>366</u>	<u>167</u>
1988					
1987					
1986					
1985					
1984					
1983					
1982					
1981					
1980					
1979					
1978					
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

Information on
 forwarded to
 on sheet
 2 + 3 for 1989
 you Jan. 10, 1992
 10.

NAME OF PREPARER <u>EARL SCHEYERMAN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>2-26-92</u>	

SHEET 2

LTPP TRAFFIC DATA

TRAFFIC VOLUMES
AND LOAD ESTIMATES

*STATE ASSIGNED ID [3006]

*STATE CODE [19]

*SHRP SECTION ID [3006]

YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE	5. ESTIMATED ESALS/YR GPS LANE (1000's)
1989	4410	854	1860	366	167
1988	4139	747	1746	320	161 *
1987	3985	719	1681	308	155 *
1986	3831	691	1616	296	149
1985	4571	971	1810	408	196 *
1984	4408	936	1745	393	189 *
1983	3778	802	1496	337	162
1982	2819	725	1165	174	128 *
1981	2861	731	1174	175	129 *
1980	2819	725	1165	174	128 *
1979	2973	765	1229	183	135
1978	3105	582	1312	247	143 *
1977	2931	549	1239	233	135
1976	2653	543	1064	226	128
1975	2567	525	1029	218	N.A.
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

Forwarded
1-10-92
2-26-92

* ESTIMATED FROM PREVIOUS YEARS DATA.

Revised Figure
Estimated
6-8-92

NAME OF PREPARER EARL SCHEUERMANN PHONE # 515-239-1153

DATE PREPARED 12-2-91

Earl Scheuermann 7/31/92 515-239-1153

SHEET 3

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

*STATE ASSIGNED ID [3006]

*STATE CODE [19]

*SHRP SECTION ID [2006]

1. Year (s) Applicable 1978, 1980, 1981, 1982, 1984, 1985, 1987, 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: Growth Factored Last years estimate

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) 11
☐ 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: Growth Factored Last years estimate

(B) Weight Scale Type

- ☐ WIM scale.
☐ Static scale used for enforcement.
☐ Static scale not used for enforcement.
☒ Other: Static scales used for enforcement and portable scales

NAME OF PREPARER EARL SCHEUERMAN PHONE # 515-239-1153DATE PREPARED 2-26-92

SHEET 3

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

*STATE ASSIGNED ID []

*STATE CODE [19]

*SHRP SECTION ID [E 226]

1. Year Applicable 1986, 1985, 1987
1977, 1978

2. METHOD FOR ESTIMATING AADT

- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Averaged and factored multiple counts taken this year at the GPS site.
- ☐ Growth factored last year's estimate.
- ☒ Estimated based on volume counts at nearby locations.
- ☐ Used flow maps.
- ☐ Used computerized network analyses.
- ☐ Other: _____

3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

- ☐ Used a single count taken this year at the GPS site.
- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Used system averages from counts taken this year.
- ☒ Used count data from nearby sites.
- ☐ Used count data taken in earlier years at the GPS site.
- ☐ Used system averages taken in earlier years at the GPS site.
- ☐ Used computerized network analyses.
- ☐ Other: _____

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☒ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: _____

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: _____

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☒ ESAL/Vehicle class. (no. of classes) 11
- ☐ 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: Weight data from
SYSTEM 3 year averages

(B) Weight Scale Type

- ☐ WIM scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☒ Other: Static scales used for
enforcement and
Portable Scales

NAME OF PREPARER EARL SCHEUERMANN PHONE # 515-239-1153

DATE PREPARED 12-3-91

SHEET 3

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

*STATE ASSIGNED ID [3006]

*STATE CODE [19]

*SHRP SECTION ID [3006]

1. Year (s) 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: GROWTH FACTORED
LAST YEARS ESTIMATE

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) 11
☐ 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: GROWTH FACTORED
LAST YEARS ESTIMATE

(B) Weight Scale Type

- ☐ WIM scale.
☐ Static scale used for enforcement.
☐ Static scale not used for enforcement.
☒ Other: Static scales used for
enforcement and
portable scales.

 NAME OF PREPARER EARL SCHEUERMAN PHONE # 515-239-1153
 DATE PREPARED 2-26-92

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [<u>2-2-8</u>] *STATE CODE [<u>19</u>] *SHRP SECTION ID [<u>3-006</u>]
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HIGHWAY ROUTE NO. (THIS COUNT) US 101

MILEPOST# OR LOCATION (THIS COUNT) 218

BEGINNING DATE 07-15-76 ENDING DATE 07-15-76

BEGINNING TIME 7AM 11AM ENDING TIME 2PM 6PM

COUNT DURATION 8 [☒] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER MANUAL 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)	<u>1551</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	<u>-----</u>	
B. AXLE CORRECTION FACTOR	<u>-----</u>	
C. DAY OF WEEK FACTOR	<u>-----</u>	
D. MONTH FACTOR	<u>-----</u>	
E. OTHER FACTOR (_____)	<u>1.701</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>2653</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>.461</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>.870</u>	
6. AADT GPS LANE	<u>1064</u>	

*Factor Adjusted
To 24 Hours
100% Day
Don't + 2000th*

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>EARL SCHEYERMAN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>12-2-76</u>	

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [<u>311</u>] *STATE CODE [<u>19</u>] *SHRP SECTION ID [<u>3016</u>]
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HIGHWAY ROUTE NO. (THIS COUNT) US 1130

MILEPOST# OR LOCATION (THIS COUNT) 318

BEGINNING DATE 06-27-97 ENDING DATE 06-27-97

BEGINNING TIME 7AM-11AM ENDING TIME 5PM-6PM

COUNT DURATION 8 [X] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER Manual NAME/MODEL # _____

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>1612</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		-----
B. AXLE CORRECTION FACTOR		-----
C. DAY OF WEEK FACTOR		-----
D. MONTH FACTOR		-----
E. OTHER FACTOR (_____)		<u>1.721</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>2931</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>.486</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>.870</u>
6. AADT GPS LANE		<u>1237</u>

*Factor adjusted
to 24 hours
and for
down & through*

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>EARL SCHEYERMAN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>12-2-97</u>	

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [] *STATE CODE [19] *SHRP SECTION ID [306]
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HIGHWAY ROUTE NO. (THIS COUNT) 115 H30

MILEPOST# OR LOCATION (THIS COUNT) 218

BEGINNING DATE 07-17-79 ENDING DATE 07-27-79

BEGINNING TIME 7AM-11AM ENDING TIME 2PM-6PM

COUNT DURATION 8 [X] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER Manual NAME/MODEL # _____

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>1660</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u> </u>
B. AXLE CORRECTION FACTOR		<u> </u>
C. DAY OF WEEK FACTOR		<u> </u>
D. MONTH FACTOR		<u> </u>
E. OTHER FACTOR (_____)		<u>1.771</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>2973</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>.475</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>.870</u>
6. AADT GPS LANE		<u>1229</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>EARL SCHEYERMAN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>12-2-79</u>	

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [<u>511</u>] *STATE CODE [<u>19</u>] *SHRP SECTION ID [<u>3006</u>]
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HIGHWAY ROUTE NO. (THIS COUNT) US H 30

MILEPOST# OR LOCATION (THIS COUNT) 212

BEGINNING DATE 08-10-82 ENDING DATE 09-10-82

BEGINNING TIME 7AM-11AM ^{AND} ENDING TIME 2PM-6PM

COUNT DURATION 8 [X] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER 1000001 NAME/MODEL # _____

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>2119</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	<u>-----</u>	
B. AXLE CORRECTION FACTOR	<u>-----</u>	
C. DAY OF WEEK FACTOR	<u>-----</u>	
D. MONTH FACTOR	<u>-----</u>	
E. OTHER FACTOR (_____)	<u>1.752</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>3776</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>.455</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>.272</u>	
6. AADT GPS LANE	<u>1495</u>	

*Factor adjust
to 24 hours
and down
and along*

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>EARL SCHEYERMAN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>10-1-82</u>	

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [2] *STATE CODE [19] *SHRP SECTION ID [3076]
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HIGHWAY ROUTE NO. (THIS COUNT) 115 H30

MILEPOST# OR LOCATION (THIS COUNT) 318

BEGINNING DATE 06-26-86 ENDING DATE 06-26-86

BEGINNING TIME 7AM - 11AM ^{AND} ENDING TIME 2PM - 6PM

COUNT DURATION 8 [X] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER Manual NAME/MODEL # _____

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>2309</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	<u>-----</u>	
B. AXLE CORRECTION FACTOR	<u>-----</u>	
C. DAY OF WEEK FACTOR	<u>-----</u>	
D. MONTH FACTOR	<u>-----</u>	
E. OTHER FACTOR (_____)	<u>1.658</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>3828</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.485</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.870</u>	
6. AADT GPS LANE	<u>1616</u>	

Factor adjusts
to 24 Hour and
for Down and
Month

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>EARL SCHEYERMAN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>12-8-86</u>	

SHEET 5

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [3-10]

*STATE CODE [19]

*SHRP SECTION ID [3026]

HIGHWAY RT. NO. (THIS COUNT) US H 20 MILEPOST# (THIS COUNT) 318LOCATION (THIS COUNT) SHRP SITE FUNCTIONAL CLASS 02BEGINNING DATE 07-15-76 ENDING DATE 07-15-76BEGINNING TIME 7AM-11AM ENDING TIME 2PM-6PM DURATION (HRS) 8TYPE OF COUNT: MANUAL X AUTOMATED _____ NO. OF LANES COUNTED _____

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

EQUIPMENT NAME / MODEL # _____

TOTAL NO. OF VEHICLES CLASSIFIED 1554 # TRUCKS 318 % TRUCKS 20.5NO. OF TRUCKS IN GPS LANE 132 % OF TRUCKS IN GPS LANE 41.5VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER X # BINS _____

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	_____	_____	_____
2. FHWA CLASS 4 (Buses)	_____	_____	_____
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	_____	_____	_____
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	_____	_____	_____
5. FHWA CLASS 7 (4 or more Axle SU Truck)	_____	_____	_____
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	_____	_____	_____
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	_____	_____	_____
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	_____	_____	_____
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	_____	_____	_____
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	_____	_____	_____
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	_____	_____	_____
12. OTHER VEHICLES	_____	_____	_____
GRAND TOTAL	_____	_____	_____

NAME OF PREPARER EARL SCHEUERMAN PHONE # 515-239-1153DATE PREPARED 12-2-76

<p>SHEET 5</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>FHWA 13-CLASS SYSTEM</p>	<p>*STATE ASSIGNED ID [<u>3076</u>]</p> <p>*STATE CODE [<u>19</u>]</p> <p>*SHRP SECTION ID [<u>3076</u>]</p>
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HIGHWAY RT. NO. (THIS COUNT) US 430 MILEPOST# (THIS COUNT) 3.3

LOCATION (THIS COUNT) 1 mile past 1st mile marker FUNCTIONAL CLASS 02

BEGINNING DATE 36-27-17 ENDING DATE 06-27-17

BEGINNING TIME 7AM-11PM ENDING TIME 5PM-6PM DURATION (HRS) 2

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

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

EQUIPMENT NAME / MODEL # _____

TOTAL NO. OF VEHICLES CLASSIFIED 1642 # TRUCKS 207 % TRUCKS 12.7

NO. OF TRUCKS IN GPS LANE 131 % OF TRUCKS IN GPS LANE 42.5

VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER X # BINS _____

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	_____	_____	_____
2. FHWA CLASS 4 (Buses)	_____	_____	_____
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	_____	_____	_____
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	_____	_____	_____
5. FHWA CLASS 7 (4 or more Axle SU Truck)	_____	_____	_____
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	_____	_____	_____
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	_____	_____	_____
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	_____	_____	_____
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	_____	_____	_____
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	_____	_____	_____
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	_____	_____	_____
12. OTHER VEHICLES	_____	_____	_____
GRAND TOTAL	_____	_____	_____

NAME OF PREPARER <u>EARL SCHEYERMAN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>12-1-17</u>	

<p>SHEET 5</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>FHWA 13-CLASS SYSTEM</p>	<p>*STATE ASSIGNED ID [<u>115</u>]</p> <p>*STATE CODE [<u>19</u>]</p> <p>*SHRP SECTION ID [<u>2006</u>]</p>
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HIGHWAY RT. NO. (THIS COUNT) 115 H 20 MILEPOST# (THIS COUNT) 313

LOCATION (THIS COUNT) ONE MILE FROM SHRP SITE FUNCTIONAL CLASS 02

BEGINNING DATE 07-17-99 ENDING DATE 07-17-99

BEGINNING TIME 1AM-11AM ENDING TIME 2PM-6PM DURATION (HRS) 8

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

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

EQUIPMENT NAME / MODEL # _____

TOTAL NO. OF VEHICLES CLASSIFIED 1660 # TRUCKS 427 % TRUCKS 25.7

NO. OF TRUCKS IN GPS LANE 183 % OF TRUCKS IN GPS LANE 42.7

VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER X # BINS _____

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	_____	_____	_____
2. FHWA CLASS 4 (Buses)	_____	_____	_____
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	_____	_____	_____
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	_____	_____	_____
5. FHWA CLASS 7 (4 or more Axle SU Truck)	_____	_____	_____
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	_____	_____	_____
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	_____	_____	_____
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	_____	_____	_____
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	_____	_____	_____
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	_____	_____	_____
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	_____	_____	_____
12. OTHER VEHICLES	_____	_____	_____
GRAND TOTAL	_____	_____	_____

NAME OF PREPARER EARL SCHEUERMAN PHONE # 515-239-1153

DATE PREPARED 12-2-99

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [<u>3116</u>] *STATE CODE [<u>19</u>] *SHRP SECTION ID [<u>3026</u>]
---	---

HIGHWAY RT. NO. (THIS COUNT) 45 H&E MILEPOST# (THIS COUNT) 318

LOCATION (THIS COUNT) 200' W. OF I-40 FUNCTIONAL CLASS 2.4

BEGINNING DATE 05-10-13 ENDING DATE 05-12-13

BEGINNING TIME 2 AM - 4 AM ENDING TIME 2 PM - 4 PM DURATION (HRS) 8

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

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

EQUIPMENT NAME / MODEL # _____

TOTAL NO. OF VEHICLES CLASSIFIED 2117 # TRUCKS 450 % TRUCKS 21.2

NO. OF TRUCKS IN GPS LANE 217 % OF TRUCKS IN GPS LANE 48.2

VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER X # BINS _____

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	_____	_____	_____
2. FHWA CLASS 4 (Buses)	_____	_____	_____
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	_____	_____	_____
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	_____	_____	_____
5. FHWA CLASS 7 (4 or more Axle SU Truck)	_____	_____	_____
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	_____	_____	_____
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	_____	_____	_____
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	_____	_____	_____
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	_____	_____	_____
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	_____	_____	_____
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	_____	_____	_____
12. OTHER VEHICLES	_____	_____	_____
GRAND TOTAL	_____	_____	_____

NAME OF PREPARER EARL SCHEYERMAN PHONE # 515-239-1153

DATE PREPARED 12-2-11

<p>SHEET 5</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>FHWA 13-CLASS SYSTEM</p>	<p>*STATE ASSIGNED ID [<u>4016</u>]</p> <p>*STATE CODE [<u>19</u>]</p> <p>*SHRP SECTION ID [<u>3006</u>]</p>
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HIGHWAY RT. NO. (THIS COUNT) 115 H30 MILEPOST# (THIS COUNT) 313

LOCATION (THIS COUNT) ONE MILE EAST OF SHRP STATION FUNCTIONAL CLASS 02

BEGINNING DATE 06-26-96 ENDING DATE 06-26-96

BEGINNING TIME 7AM-11AM ENDING TIME 2PM-6PM DURATION (HRS) 8

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

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

EQUIPMENT NAME / MODEL # _____

TOTAL NO. OF VEHICLES CLASSIFIED 2307 # TRUCKS 417 % TRUCKS 18.1%

NO. OF TRUCKS IN GPS LANE 178 % OF TRUCKS IN GPS LANE 42.7

VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER X # BINS _____

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	_____	_____	_____
2. FHWA CLASS 4 (Buses)	_____	_____	_____
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	_____	_____	_____
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	_____	_____	_____
5. FHWA CLASS 7 (4 or more Axle SU Truck)	_____	_____	_____
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	_____	_____	_____
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	_____	_____	_____
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	_____	_____	_____
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	_____	_____	_____
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	_____	_____	_____
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	_____	_____	_____
12. OTHER VEHICLES	_____	_____	_____
GRAND TOTAL	_____	_____	_____

NAME OF PREPARER EARL SCHEYERMAN PHONE # 515-239-1153

DATE PREPARED 7-2-96

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [<u>3006</u>] *STATE CODE [<u>19</u>] *SHRP SECTION ID [<u>3006</u>]
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HIGHWAY RT. NO. (THIS COUNT) US H 30 MILEPOST# (THIS COUNT) 318
 LOCATION (THIS COUNT) ONE mile EAST OF SHRP Section FUNCTIONAL CLASS 02
 BEGINNING DATE 09-16-90 ENDING DATE 09-19-90
 BEGINNING TIME 1700 (5PM) ENDING TIME 1400 (2PM) DURATION (HRS) 68

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 # TC 3

TOTAL NO. OF VEHICLES CLASSIFIED 6724 # TRUCKS 1491 % TRUCKS 22.2

NO. OF TRUCKS IN GPS LANE 1343 % OF TRUCKS IN GPS LANE 21.9

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)	-----	5233	4782
2. FHWA CLASS 4 (Buses)	-----	8	7
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	-----	125	121
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	-----	93	73
5. FHWA CLASS 7 (4 or more Axle SU Truck)	-----	16	15
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	-----	139	134
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	-----	1072	956
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	-----	17	17
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	-----	17	17
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	-----	3	3
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	-----	1	0
12. OTHER VEHICLES	-----	-----	-----
GRAND TOTAL	-----	6724	6125

NAME OF PREPARER <u>EARL SCHEUER MAUV</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>2-26-92</u>	

<p>SHEET 6</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>AGENCY DEFINED CLASSES</p>	<p>*STATE ASSIGNED ID [<u>2006</u>]</p> <p>*STATE CODE [<u>19</u>]</p> <p>*SHRP SECTION ID [<u>3006</u>]</p>
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FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) 115 + 30 MILEPOST # (THIS COUNT) 313

BEGINNING DATE 07-15-76 ENDING DATE 07-15-76

BEGINNING TIME 7AM-11AM ENDING TIME 2PM-6PM DURATION (HRS) 8

VEHICLE CLASSES (DESCRIBE VEHICLE TYPES IN EACH CLASS OR AXLE SPACING CATEGORY)	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
A. <u>PASSENGER CARS</u>	<u>1236</u>	<u>564</u>	<u>471</u>
<u>& PICKUPS</u>			
B. <u>SINGLE UNIT</u>	<u>112</u>	<u>61</u>	<u>53</u>
<u>TRUCKS</u>			
C. <u>TTSTs</u>	<u>206</u>	<u>91</u>	<u>79</u>
D. _____	_____	_____	_____
E. _____	_____	_____	_____
F. _____	_____	_____	_____
G. _____	_____	_____	_____
H. _____	_____	_____	_____
I. _____	_____	_____	_____
J. _____	_____	_____	_____
K. _____	_____	_____	_____
L. _____	_____	_____	_____
M. _____	_____	_____	_____
N. _____	_____	_____	_____
O. _____	_____	_____	_____
P. _____	_____	_____	_____
Q. _____	_____	_____	_____
R. _____	_____	_____	_____
S. _____	_____	_____	_____
T. _____	_____	_____	_____

GRAND TOTAL

1554 716 623

NAME OF PREPARER EARL SCHEUERMANN PHONE # 515-239-1153

DATE PREPARED 12-2-91

<p>SHEET 6</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>AGENCY DEFINED CLASSES</p>	<p>*STATE ASSIGNED ID [<u>2006</u>]</p> <p>*STATE CODE [<u>19</u>]</p> <p>*SHRP SECTION ID [<u>2006</u>]</p>
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FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) US 420 MILEPOST # (THIS COUNT) 313

BEGINNING DATE 06-27-77 ENDING DATE 06-27-77

BEGINNING TIME 7AM ENDING TIME 4PM DURATION (HRS) 8

VEHICLE CLASSES (DESCRIBE VEHICLE TYPES IN EACH CLASS OR AXLE SPACING CATEGORY)	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
A. <u>PASSENGER CARS</u>	<u>1335</u>	<u>645</u>	<u>564</u>
<u>& PICKUPS</u>			
B. <u>SINGLE UNIT</u>	<u>143</u>	<u>68</u>	<u>57</u>
<u>TRUCKS</u>			
C. <u>TTSTs</u>	<u>165</u>	<u>82</u>	<u>71</u>
D.			
E.			
F.			
G.			
H.			
I.			
J.			
K.			
L.			
M.			
N.			
O.			
P.			
Q.			
R.			
S.			
T.			

GRAND TOTAL

1643 797 694

NAME OF PREPARER EARL SCHEUERMANN PHONE # 515-239-1153

DATE PREPARED 12-2-77

SHEET 6

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
AGENCY DEFINED CLASSES*STATE ASSIGNED ID [3016]*STATE CODE [19]*SHRP SECTION ID [3016]

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) US 430MILEPOST # (THIS COUNT) 318BEGINNING DATE 07-17-79 ENDING DATE 07-17-79BEGINNING TIME 7AM-11AM ENDING TIME 11AM-6PM DURATION (HRS) 8

VEHICLE CLASSES (DESCRIBE VEHICLE TYPES IN EACH CLASS OR AXLE SPACING CATEGORY)	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
A. <u>PASSENGER CARS</u>	<u>1233</u>	<u>577</u>	<u>504</u>
<u>& PICKUPS</u>			
B. <u>SINGLE UNIT</u>	<u>175</u>	<u>93</u>	<u>81</u>
<u>TRUCKS</u>			
C. <u>TTSTs</u>	<u>252</u>	<u>117</u>	<u>102</u>
D.			
E.			
F.			
G.			
H.			
I.			
J.			
K.			
L.			
M.			
N.			
O.			
P.			
Q.			
R.			
S.			
T.			

GRAND TOTAL

1660 789 681NAME OF PREPARER EARL SCHEUERMANN PHONE # 515-239-1153DATE PREPARED 12-2-79

<p>SHEET 6</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>AGENCY DEFINED CLASSES</p>	<p>*STATE ASSIGNED ID [306]</p> <p>*STATE CODE [19]</p> <p>*SHRP SECTION ID [306]</p>
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FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) US 420 MILEPOST # (THIS COUNT) 313

BEGINNING DATE 07-10-92 ENDING DATE 08-10-92

BEGINNING TIME 7AM 11PM ENDING TIME 7AM 10PM DURATION (HRS) 8

VEHICLE CLASSES (DESCRIBE VEHICLE TYPES IN EACH CLASS OR AXLE SPACING CATEGORY)	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
A. <u>PASSENGER CARS</u> <u>& PICKUPS</u>	<u>1667</u>	<u>717</u>	<u>650</u>
B. <u>SINGLE UNIT</u> <u>TRUCKS</u>	<u>112</u>	<u>51</u>	<u>44</u>
C. <u>TTSTs</u>	<u>338</u>	<u>146</u>	<u>144</u>
D. _____	_____	_____	_____
E. _____	_____	_____	_____
F. _____	_____	_____	_____
G. _____	_____	_____	_____
H. _____	_____	_____	_____
I. _____	_____	_____	_____
J. _____	_____	_____	_____
K. _____	_____	_____	_____
L. _____	_____	_____	_____
M. _____	_____	_____	_____
N. _____	_____	_____	_____
O. _____	_____	_____	_____
P. _____	_____	_____	_____
Q. _____	_____	_____	_____
R. _____	_____	_____	_____
S. _____	_____	_____	_____
T. _____	_____	_____	_____

GRAND TOTAL

3117 764 838

NAME OF PREPARER EARL SCHEUERMANN PHONE # 515-239-1153

DATE PREPARED 12-7-91

SHEET 6

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
AGENCY DEFINED CLASSES

*STATE ASSIGNED ID [315]

*STATE CODE [19]

*SHRP SECTION ID [306]

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) US H 30MILEPOST # (THIS COUNT) 319BEGINNING DATE 06-26-96 ENDING DATE 07-26-96BEGINNING TIME 7PM-11PM ENDING TIME 2PM-6PM DURATION (HRS) 8

VEHICLE CLASSES (DESCRIBE VEHICLE TYPES IN EACH CLASS OR AXLE SPACING CATEGORY)	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
A. <u>PASSENGER CARS</u>	<u>1872</u>	<u>915</u>	<u>776</u>
<u>& Pickups</u>			
B. <u>SINGLE UNIT</u>	<u>140</u>	<u>70</u>	<u>61</u>
<u>TRUCKS</u>			
C. <u>TTSTs</u>	<u>271</u>	<u>135</u>	<u>117</u>
D.			
E.			
F.			
G.			
H.			
I.			
J.			
K.			
L.			
M.			
N.			
O.			
P.			
Q.			
R.			
S.			
T.			

GRAND TOTAL

2283 1120 974NAME OF PREPARER EARL SCHEUERMANN PHONE # 515-239-1153DATE PREPARED 12-2-96

SHEET 7
LTPP TRAFFIC DATA
VEHICLE CLASSIFICATION
CONVERSION CHART

*STATE ASSIGNED ID []
*STATE CODE [19]
*SHRP SECTION ID []

FOR 4-BIN, 6-BIN, OR OTHER NON FHWA CLASSIFICATION SYSTEMS

USE THIS SHEET TO DESCRIBE HOW THE AGENCY'S CLASSIFICATION SYSTEM CAN BE CONVERTED TO THE FHWA 13-CLASSES. ENTER PERCENTAGE OF TOTAL SHA CLASS DISTRIBUTED TO EACH FHWA CLASS. APPLICABLE PERIOD FROM _____ TO _____

SHA CLASS	FHWA CLASSES												TOTAL
	1-3	4	5	6	7	8	9	10	11	12	13	OTHER	
A	100												100
B		10	20	17	3								50
C						17	77	3	1				100
D													
E													
F													
G													
H													
I													
J													
K													
L													
M													
N													
O													
P													
Q													
R													
S													
T													
TOTAL	100	10	10	17	3	17	77	3	1				100

NAME OF PREPARER EARL SCHEHERMANN PHONE # 515-239-1153
DATE PREPARED 12-8-91

Not Applicable

SHEET 8 LTPP TRAFFIC DATA TRUCK WEIGHT SESSION INFORMATION	*STATE ASSIGNED ID [_ _ _ _] *STATE CODE [19] *SHRP SECTION ID [_ _ _ _]
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HIGHWAY RT. NO.(THIS SESSION) _____ MILEPOST # (THIS SESSION) _____

LOCATION (THIS SESSION) _____

FUNCTIONAL CLASSIFICATION _____ DIRECTION OF TRAVEL _____

1. FHWA STATION IDENTIFICATION NUMBER _____

2. TYPE OF WEIGHING EQUIPMENT: PERM. SCALE _____ PERM. WIM _____
PORT. SCALE _____ PORT. WIM _____

3. COUNT DURATION (HOURS) _____ COUNT LANE _____

4. BEGINNING TIME (MONTH, DAY, YEAR, TIME) ____-____-____-____-____

5. ENDING TIME (MONTH, DAY, YEAR, TIME) ____-____-____-____-____

6. EQUIPMENT MANUFACTURER / MODEL # _____

7. PURPOSE OF WEIGHT SESSION:
DATA COLLECTION _____ ENFORCEMENT _____

8. VEHICLE CLASSIFICATION SCHEME: FHWA _____ OTHER _____ # BINS _____

9. PAVEMENT TYPE: AC _____ PCC _____ OTHER _____

10. METHOD OF CALIBRATION AND FREQUENCY: _____

NOTE: IF THIS WEIGHT SESSION IS NOT BASED UPON THE FHWA 13-BIN CLASSIFICATION SYSTEM, USE SHEET 7 TO DESCRIBE HOW THE SHA WOULD EXPAND OR COLLAPSE THE AGENCY CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES. ALSO PROVIDE A DESCRIPTION OF THE CLASSIFICATION SCHEME THAT WAS USED.

NAME OF PREPARER <u>EARL SCHEUERMANN</u> PHONE # <u>515-239-1153</u>
DATE PREPARED <u>12-2-91</u>

Not Applicable

<p align="center">SHEET 9</p> <p align="center">LTPP TRAFFIC DATA</p> <p>TRUCK AXLE LOAD MEASUREMENTS BY VEHICLE CLASSIFICATION</p>	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [17]
	*SHRP SECTION ID [_ _ _ _]

FHWA CLASSIFICATION SCHEME: FHWA _____ OTHER _____ #BINS _____

NOTE: FOR CLASSIFICATION SCHEMES OTHER THAN FHWA, ATTACH SHEET 7
DESCRIBING CONVERSION FROM AGENCY CLASSIFICATION SCHEME TO
FHWA 13 CLASSES.

1. VEHICLE CLASS _____

2. TOTAL NUMBER VEHICLES COUNTED _____

3. SINGLE AXLES LOAD RANGE	NUMBER OF SINGLE AXLES WEIGHED	4. TANDEM AXLES LOAD RANGE	NUMBER OF TANDEM AXLES WEIGHED	5. TRIPLE AXLES LOAD RANGE	NUMBER OF TRIPLE AXLES WEIGHED
< 3000	_____	< 6000	_____	< 12000	_____
3000 - 3999	_____	6000 - 7999	_____	12000 - 14999	_____
4000 - 4999	_____	8000 - 9999	_____	15000 - 17999	_____
5000 - 5999	_____	10000 - 11999	_____	18000 - 20999	_____
6000 - 6999	_____	12000 - 13999	_____	21000 - 23999	_____
7000 - 7999	_____	14000 - 15999	_____	24000 - 26999	_____
8000 - 8999	_____	16000 - 17999	_____	27000 - 29999	_____
9000 - 9999	_____	18000 - 19999	_____	30000 - 32999	_____
10000 - 10999	_____	20000 - 21999	_____	33000 - 35999	_____
11000 - 11999	_____	22000 - 23999	_____	36000 - 38999	_____
12000 - 12999	_____	24000 - 25999	_____	39000 - 41999	_____
13000 - 13999	_____	26000 - 27999	_____	42000 - 44999	_____
14000 - 14999	_____	28000 - 29999	_____	45000 - 47999	_____
15000 - 15999	_____	30000 - 31999	_____	48000 - 50999	_____
16000 - 16999	_____	32000 - 33999	_____	51000 - 53999	_____
17000 - 17999	_____	34000 - 35999	_____	54000 - 56999	_____
18000 - 18999	_____	36000 - 37999	_____	57000 - 59999	_____
19000 - 19999	_____	38000 - 39999	_____	60000 - 62999	_____
20000 - 20999	_____	40000 - 41999	_____	63000 - 65999	_____
21000 - 21999	_____	42000 - 43999	_____	66000 - 68999	_____
22000 - 22999	_____	44000 - 45999	_____	69000 - 71999	_____
23000 - 23999	_____	46000 - 47999	_____	72000 - 74999	_____
24000 - 24999	_____	48000 - 49999	_____	75000 - 77999	_____
25000 - 25999	_____	50000 - 51999	_____	78000 - 79999	_____
26000 - 26999	_____	52000 - 53999	_____	> 80000	_____
27000 - 27999	_____	54000 - 55999	_____		
28000 - 28999	_____	56000 - 57999	_____		
29000 - 29999	_____	58000 - 59999	_____		
> 30000	_____	> 60000	_____		

6. USE SECOND PAGE FOR FOUR AXLE GROUPS.

NAME OF PREPARER	EARL SCHEUERMANN	PHONE #	515-239-1153
DATE PREPARED	12-2-91		