

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ 19 ] *SHRP SECTION ID [ 1133 ]
--	---

STATE OR PROVINCE Iowa COUNTY Scott  
 HIGHWAY ROUTE NO. I4-80 MILEPOST# 303  
 NEAREST CITY/TOWN Keosauqua NEAREST INTERSECTION US 67  
 FUNCTIONAL CLASS 01 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4  
 DIRECTION OF TRAVEL GPS LANE WEST DATE OPENED TO TRAF. - - - 64  
 FIPS COUNTY CODE 163 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 <u>EARL SCHEUERMANN</u> DATE PREPARED <u>11-15-71</u>	PHONE # <u>515-239-1153</u>
---	-----------------------------

SHEET <sup>2</sup> 10

**LTPP TRAFFIC DATA**

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

*STATE ASSIGNED ID [ <u>IA70</u> ]	*STATE CODE [ <u>19</u> ]
*SHRP SECTION ID [ <u>9126</u> ]	

**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>16100</u>	<u>3863</u>	<u>7156</u>	<u>1674</u>	<u>1080</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 \_\_\_\_\_

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

DATE PREPARED 1-9-92

## SHEET 2

## LTPP TRAFFIC DATA

TRAFFIC VOLUMES  
AND LOAD ESTIMATES

\*STATE ASSIGNED ID [1A10]

\*STATE CODE [19]

\*SHRP SECTION ID [9126]

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	15170	3644	6743	1579	1019
1987	13168	3012	6006	1408	645*
1986	12453	2849	5680	1332	610
1985	12482	3611	5756	1100	647*
1984	12868	3723	5934	1134	667
1983	12793	3120	5988	1354	568*
1982	12545	3060	5872	1328	557
1981	11933	3210	5501	1449	605*
1980	11203	3014	5165	1360	568
1979	13208	3119	5234	1245	537*
1978	12470	2945	4942	1175	507
1977	12032	2717	5709	1084	483*
1976	11434	2582	5425	N.A. 1030	459
1975	10743	2537	4854	1012	474*
1974	11083	2617	5008	N.A. 1044	489
1973	11492	2824	4922	1127	532*
1972	12443	3058	5329	N.A. 1220	576
1971	12946	3374	5131	1346	634*
1970	14130	3683	N.A. 5600	N.A. 1469	692
1969	12352	2982	4895	1190	561*
1968	9490	2291	N.A. 3761	N.A. 914	431
1967	19533	1578	7741	630	293*
1966	10333	835	4095	333	155*
1965	1200	97	N.A. 476	N.A. 39	18

Blue  
estimated  
from  
1978  
6-8-92

\* ESTIMATED BASED ON PREVIOUS YEARS DATA. Red  
figures  
estimated  
6-5-92

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

DATE PREPARED 11-15-91

<p align="center">SHEET 2</p> <p align="center"><b>LTPP TRAFFIC DATA</b></p> <p align="center"><b>TRAFFIC VOLUMES AND LOAD ESTIMATES</b></p>	*STATE ASSIGNED ID [1A12]
	*STATE CODE [19]
	*SHRP SECTION ID [9126]

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					
1988	15170	3644	6743	1579	1019
1987					645*
1986	12453	2849	5680	1332	610
1985					647*
1984	12868	3723	5934	1134	667
1983					568*
1982	12545	3060	5872	1328	557
1981					605*
1980	11203	3014	5165	1360	568
1979					537*
1978	12470	2945	4942	1175	507
1977					483*
1976	11434	2582	5425	N.A.	459
1975					474*
1974	11083	2617	5008	N.A.	489
1973					532*
1972	12443	3058	5329	N.A.	576
1971					634*
1970	14130	3683	N.A.	N.A.	692
1969					561*
1968	9490	2291	N.A.	N.A.	431
1967					293*
1966					155*
1965	1200	97	N.A.	N.A.	18

\* ESTIMATED BASED ON PREVIOUS YEARS DATA.

NAME OF PREPARER	EARL SCHEUERMANN	PHONE #	515-239-1153
DATE PREPARED	11-15-91		

## SHEET 3

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

\*STATE ASSIGNED ID [ ]

\*STATE CODE [19]

\*SHRP SECTION ID [ ]

 1. Year Applicable 1982, 1986, 1987  
1982, 1980, 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: SMOOTHED VOLUMES  
USING KAMP COUNTS FROM  
PERMANENT STATION

## 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: SMOOTHED VOLUMES  
AADT

## 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) 4  
☐ 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: \_\_\_\_\_

NAME OF PREPARER EARL SCHEUERMANN PHONE # 515-239-1153DATE PREPARED 11-15-91

## SHEET 3

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

\*STATE ASSIGNED ID [2211]

\*STATE CODE [19]

\*SHRP SECTION ID [2126]

1. Year Applicable 1976, 1974, 1972  
1970, 1965, 1965

## 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: Historic Traffic Book Records

## 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: SRMP AS FOR AADT

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

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

## 5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

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

## 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:

NAME OF PREPARER EARL SCHEYERMAN PHONE # 515-239-1153  
 DATE PREPARED 11-15-91

Not Applicable

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ 19 ] *SHRP SECTION ID [ 1125 ]
---	---

HIGHWAY ROUTE NO. (THIS COUNT) \_\_\_\_\_

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

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

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

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

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

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

ACTUAL COUNTS	
ITEM	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	-----
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 (_____)	-.----
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	-----
4. DIRECTIONAL DISTRIBUTION FACTOR	-.----
5. GPS LANE DISTRIBUTION FACTOR	-.----
6. AADT GPS LANE	-----

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>EAYL SCHEUERMANN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>11-15-91</u>	

Not Applicable

<p><b>SHEET 5</b></p> <p><b>LTPP TRAFFIC DATA</b></p> <p><b>VEHICLE CLASSIFICATION DATA</b></p> <p><b>FHWA 13-CLASS SYSTEM</b></p>	<p>*STATE ASSIGNED ID [ _____ ]</p> <p>*STATE CODE [ <u>19</u> ]</p> <p>*SHRP SECTION ID [ <u>222</u> ]</p>
--	---

HIGHWAY RT. NO. (THIS COUNT) \_\_\_\_\_ MILEPOST# (THIS COUNT) \_\_\_\_\_

LOCATION (THIS COUNT) \_\_\_\_\_ FUNCTIONAL CLASS \_\_\_\_\_

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

BEGINNING TIME \_\_\_\_\_ ENDING TIME \_\_\_\_\_ DURATION (HRS) \_\_\_\_\_

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

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

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

TOTAL NO. OF VEHICLES CLASSIFIED \_\_\_\_\_ # TRUCKS \_\_\_\_\_ % TRUCKS \_\_\_\_\_

NO. OF TRUCKS IN GPS LANE \_\_\_\_\_ % OF TRUCKS IN GPS LANE \_\_\_\_\_

VEHICLE CLASSIFICATION METHOD: FHWA \_\_\_\_\_ OTHER \_\_\_\_\_ # BINS \_\_\_\_\_

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

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

NAME OF PREPARER <u>EARL SCHEUERMANN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>11-15-91</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>1A10</u> ]</p> <p>*STATE CODE [ <u>19</u> ]</p> <p>*SHRP SECTION ID [ <u>7126</u> ]</p>
--	--

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) \_\_\_\_\_ MILEPOST # (THIS COUNT) \_\_\_\_\_

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

BEGINNING TIME \_\_\_\_\_ ENDING TIME \_\_\_\_\_ DURATION (HRS) \_\_\_\_\_

*Imo. chad AADT*  
*1978*

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>9525</u>	<u>4330</u>	<u>3767</u>
<u>&amp; PICKUPS</u>			
B. <u>SINGLE UNIT</u>	<u>653</u>	<u>254</u>	<u>221</u>
<u>TRUCKS</u>			
C. <u>TTSTs</u>	<u>2292</u>	<u>1096</u>	<u>954</u>
D. _____	_____	_____	_____
E. _____	_____	_____	_____
F. _____	_____	_____	_____
G. _____	_____	_____	_____
H. _____	_____	_____	_____
I. _____	_____	_____	_____
J. _____	_____	_____	_____
K. _____	_____	_____	_____
L. _____	_____	_____	_____
M. _____	_____	_____	_____
N. _____	_____	_____	_____
O. _____	_____	_____	_____
P. _____	_____	_____	_____
Q. _____	_____	_____	_____
R. _____	_____	_____	_____
S. _____	_____	_____	_____
T. _____	_____	_____	_____

GRAND TOTAL

12470 5680 4942

NAME OF PREPARER <u>EARL SCHEUERMANN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>11-15-91</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>JE 10</u> ]</p> <p>*STATE CODE [ <u>19</u> ]</p> <p>*SHRP SECTION ID [ <u>9126</u> ]</p>
--	---

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) \_\_\_\_\_ MILEPOST # (THIS COUNT) \_\_\_\_\_

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

BEGINNING TIME \_\_\_\_\_ ENDING TIME \_\_\_\_\_ DURATION (HRS) \_\_\_\_\_

*1980*  
*ADT*

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>8189</u>	<u>4373</u>	<u>3805</u>
<u>&amp; PICKUPS</u>			
B. <u>SINGLE UNIT</u>	<u>386</u>	<u>201</u>	<u>175</u>
<u>TRUCKS</u>			
C. <u>TTSTs</u>	<u>2628</u>	<u>1362</u>	<u>1185</u>
D. _____	_____	_____	_____
E. _____	_____	_____	_____
F. _____	_____	_____	_____
G. _____	_____	_____	_____
H. _____	_____	_____	_____
I. _____	_____	_____	_____
J. _____	_____	_____	_____
K. _____	_____	_____	_____
L. _____	_____	_____	_____
M. _____	_____	_____	_____
N. _____	_____	_____	_____
O. _____	_____	_____	_____
P. _____	_____	_____	_____
Q. _____	_____	_____	_____
R. _____	_____	_____	_____
S. _____	_____	_____	_____
T. _____	_____	_____	_____

GRAND TOTAL

11203    5936    5165

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

DATE PREPARED 11-15-91

<p>SHEET 6</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>AGENCY DEFINED CLASSES</p>	<p>*STATE ASSIGNED ID [1010]</p> <p>*STATE CODE [19]</p> <p>*SHRP SECTION ID [2126]</p>
--	---

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) \_\_\_\_\_ MILEPOST # (THIS COUNT) \_\_\_\_\_

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

BEGINNING TIME \_\_\_\_\_ ENDING TIME \_\_\_\_\_ DURATION (HRS) \_\_\_\_\_

5 MONTHS AADT  
1982

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>&amp; PICKUPS</u>	<u>9485</u>	<u>5223</u>	<u>4544</u>
B. <u>SINGLE UNIT</u> <u>TRUCKS</u>	<u>559</u>	<u>357</u>	<u>311</u>
C. <u>TTSTs</u>	<u>2501</u>	<u>1169</u>	<u>1017</u>
D. _____	_____	_____	_____
E. _____	_____	_____	_____
F. _____	_____	_____	_____
G. _____	_____	_____	_____
H. _____	_____	_____	_____
I. _____	_____	_____	_____
J. _____	_____	_____	_____
K. _____	_____	_____	_____
L. _____	_____	_____	_____
M. _____	_____	_____	_____
N. _____	_____	_____	_____
O. _____	_____	_____	_____
P. _____	_____	_____	_____
Q. _____	_____	_____	_____
R. _____	_____	_____	_____
S. _____	_____	_____	_____
T. _____	_____	_____	_____

GRAND TOTAL

12545    6749    5872

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

DATE PREPARED 11-15-71

SHEET 6 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA AGENCY DEFINED CLASSES	*STATE ASSIGNED ID [ <u>1120</u> ] *STATE CODE [ <u>19</u> ] *SHRP SECTION ID [ <u>9126</u> ]
---	---

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) \_\_\_\_\_ MILEPOST # (THIS COUNT) \_\_\_\_\_

BEGINNING DATE \_\_\_\_\_ ENDING DATE \_\_\_\_\_  
 BEGINNING TIME \_\_\_\_\_ ENDING TIME \_\_\_\_\_ DURATION (HRS) \_\_\_\_\_

Smoothed AADT  
1984

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>9145</u>	<u>5054</u>	<u>4397</u>
<u>&amp; Pickups</u>			
B. <u>SINGLE UNIT</u>	<u>698</u>	<u>413</u>	<u>359</u>
<u>TRUCKS</u>			
C. <u>TTSTs</u>	<u>3025</u>	<u>1354</u>	<u>1178</u>
D. _____	_____	_____	_____
E. _____	_____	_____	_____
F. _____	_____	_____	_____
G. _____	_____	_____	_____
H. _____	_____	_____	_____
I. _____	_____	_____	_____
J. _____	_____	_____	_____
K. _____	_____	_____	_____
L. _____	_____	_____	_____
M. _____	_____	_____	_____
N. _____	_____	_____	_____
O. _____	_____	_____	_____
P. _____	_____	_____	_____
Q. _____	_____	_____	_____
R. _____	_____	_____	_____
S. _____	_____	_____	_____
T. _____	_____	_____	_____
GRAND TOTAL	<u>12868</u>	<u>6821</u>	<u>5934</u>

NAME OF PREPARER <u>EARL SCHEUERMANN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>11-15-71</u>	

SHEET 6  
LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA  
AGENCY DEFINED CLASSES

\*STATE ASSIGNED ID [ 1A70 ]  
\*STATE CODE [ 19 ]  
\*SHRP SECTION ID [ 2126 ]

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) \_\_\_\_\_ MILEPOST # (THIS COUNT) \_\_\_\_\_

BEGINNING DATE \_\_\_\_\_ ENDING DATE \_\_\_\_\_  
BEGINNING TIME \_\_\_\_\_ ENDING TIME \_\_\_\_\_ DURATION (HRS) \_\_\_\_\_

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>9604</u>	<u>4998</u>	<u>4348</u>
<u>&amp; PICKUPS</u>			
B. <u>SINGLE UNIT</u>	<u>412</u>	<u>224</u>	<u>195</u>
<u>TRUCKS</u>			
C. <u>TTSTs</u>	<u>2437</u>	<u>1307</u>	<u>1137</u>
D. _____	_____	_____	_____
E. _____	_____	_____	_____
F. _____	_____	_____	_____
G. _____	_____	_____	_____
H. _____	_____	_____	_____
I. _____	_____	_____	_____
J. _____	_____	_____	_____
K. _____	_____	_____	_____
L. _____	_____	_____	_____
M. _____	_____	_____	_____
N. _____	_____	_____	_____
O. _____	_____	_____	_____
P. _____	_____	_____	_____
Q. _____	_____	_____	_____
R. _____	_____	_____	_____
S. _____	_____	_____	_____
T. _____	_____	_____	_____

GRAND TOTAL

12453 6529 5620

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

DATE PREPARED 11-15-91

<p>SHEET 6</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>AGENCY DEFINED CLASSES</p>	<p>*STATE ASSIGNED ID [1010]</p> <p>*STATE CODE [19]</p> <p>*SHRP SECTION ID [7126]</p>
--	---

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) \_\_\_\_\_ MILEPOST # (THIS COUNT) \_\_\_\_\_

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

BEGINNING TIME \_\_\_\_\_ ENDING TIME \_\_\_\_\_ DURATION (HRS) \_\_\_\_\_

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>11526</u>	<u>5736</u>	<u>5164</u>
B. <u>PICKUPS</u>	<u>415</u>	<u>233</u>	<u>203</u>
C. <u>SINGLE UNIT TRUCKS</u>	<u>3229</u>	<u>1582</u>	<u>1376</u>
D. _____	_____	_____	_____
E. _____	_____	_____	_____
F. _____	_____	_____	_____
G. _____	_____	_____	_____
H. _____	_____	_____	_____
I. _____	_____	_____	_____
J. _____	_____	_____	_____
K. _____	_____	_____	_____
L. _____	_____	_____	_____
M. _____	_____	_____	_____
N. _____	_____	_____	_____
O. _____	_____	_____	_____
P. _____	_____	_____	_____
Q. _____	_____	_____	_____
R. _____	_____	_____	_____
S. _____	_____	_____	_____
T. _____	_____	_____	_____

GRAND TOTAL

15120 7751 6742

NAME OF PREPARER <u>EARL SCHEUERMANN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>11-15-91</u>	

SHEET 7  
LTPP TRAFFIC DATA  
VEHICLE CLASSIFICATION  
CONVERSION CHART

\*STATE ASSIGNED ID [TX 12]

\*STATE CODE [19]

\*SHRP SECTION ID [2126]

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	61	25	04								100
C						16	78	3	1	1	1		100
D													
E													
F													
G													
H													
I													
J													
K													
L													
M													
N													
O													
P													
Q													
R													
S													
T													
TOTAL	100	10	61	25	4	16	78	3	1	1	1		300

NAME OF PREPARER EARL SCHEUERMANN PHONE # 515-239-1153  
DATE PREPARED 11-15-71

Not Applicable

<b>SHEET 8</b> <b>LTPP TRAFFIC DATA</b> <b>TRUCK WEIGHT</b> <b>SESSION INFORMATION</b>	<b>*STATE ASSIGNED ID</b> [ ] <b>*STATE CODE</b> [19] <b>*SHRP SECTION ID</b> [1122]
---	--

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>11-15-71</u>



Not Applicable

SHEET 9 LTPP TRAFFIC DATA TRUCK AXLE LOAD MEASUREMENTS BY VEHICLE CLASSIFICATION	*STATE ASSIGNED ID [ ] *STATE CODE [17] *SHRP SECTION ID [1125]
---	---

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.

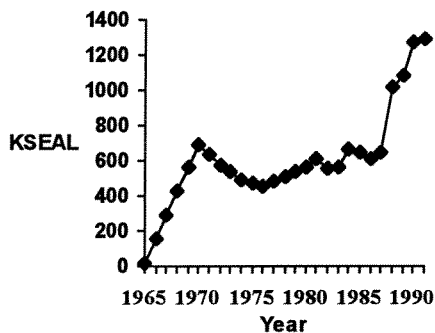
NAME OF PREPARER	EARL SCHEUERMANN	PHONE #	515-239-1153
DATE PREPARED	11-15-91		

Agency ID:

Agency Name:

SHRP ID:

### Historical Traffic Data



Year:	KESAL:	SRO:
1990	1277	
1991	1290	

Permanent System

Installation Date

Manufacturer

Model

Type

Permanent System

Installation Date

Manufacturer

Model

Type

Site Location

MP or Station

Design KESAL

Level

Number of Lanes

Lanes Monitored

Equipment Location

### Construction Event

Layer Number	Layer Type	Thickness0	Thickness5
1	SS		
2	GS	23	23
3	GB	5.1	5.1
4	PC	10.2	9.5

### Construction Event

Layer Number	Layer Type	Thickness0	Thickness5
1	SS		
2	GS	23	23
3	GB	5.1	5.1
4	PC	10.2	9.5
5	AC	3	3.7
6	AC	1.7	1.8