

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [IA 71] *STATE CODE [19] *SHRP SECTION ID [6150]
--	---

STATE OR PROVINCE IOWA COUNTY SAC  
 HIGHWAY ROUTE NO. IA H 196 MILEPOST# MP 4.64  
 NEAREST CITY/TOWN 4 MILES SE OF SAC CITY NEAREST INTERSECTION 3 MILES SOUTH OF US H 20  
 FUNCTIONAL CLASS 06 NO. LANES EACH DIRECTION 1 TOTAL NO. LANES 2  
 DIRECTION OF TRAVEL GPS LANE NORTH DATE OPENED TO TRAF. 06-01-65  
 FIPS COUNTY CODE 161 FHWA STATION IDENTIFICATION NO. \_\_\_\_\_  
 HPMS SAMPLE NO. 023647 HPMS SUBDIVISION NO. 2  
 TYPE OF PAVEMENT: AC X PCC \_\_\_\_\_ OTHER \_\_\_\_\_  
 CONTROL OF ACCESS: YES \_\_\_\_\_ NO X MEDIAN: YES \_\_\_\_\_ NO X  
 CURRENT SURROUNDING DEVELOPMENT:  
 URBAN \_\_\_\_\_ SUBURBAN \_\_\_\_\_ RURAL X  
 HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?  
 YES \_\_\_\_\_ NO X  
 IF YES, DESCRIBE CHANGES \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

LOG  
 Est  
 10/30/01

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 SCHEYERMAN</u> DATE PREPARED <u>10-28-91</u>	PHONE # <u>515-239-1153</u>
--	-----------------------------

<p>SHEET 2</p> <p>LTPP TRAFFIC DATA</p> <p>TRAFFIC VOLUMES AND LOAD ESTIMATES</p>	<p>*STATE ASSIGNED ID [<u>IA_71</u>]</p> <p>*STATE CODE [<u>19</u>]</p> <p>*SHRP SECTION ID [<u>6150</u>]</p>
---	---

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	875	134	452	69	8
1988	838	128	434	66	8
1987	831	127	427	65	6
1986	807	124	412	63	7
1985	785	120	401	61	7
1984	856	131	440	67	7
1983	830	127	427	65	7
1982	763	117	392	60	5
1981	700	71	360	36	5
1980	700	71	360	36	5
1979	700	136	384	70	7
1978	750	136	386	70	7
1977	680	92	350	47	6
1976	680	92	350	47	6
1975	900	143	463	74	5
1974	900	143	463	74	5
1973	800	120	411	62	6
1972	800	120	411	62	6
1971	723	119	372	61	7
1970	930	153	478	79	9
1969	1003	133	516	69	7
1968	860	114	442	59	6
1967	900	109	463	56	5
1966	720	87	370	45	4
1965	720	87	370	45	4

*Red Figures Estimated 6-8-92 Based upon previous years data*

NAME OF PREPARER <u>EARL SCHEUERMAN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>10-28-91</u>	

SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES	*STATE ASSIGNED ID [IA 71] *STATE CODE [19] *SHRP SECTION ID [6150]
---	---

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	875	134	452	69	8
1988	838	128	434	66	8
1987	831	127	427	65	6
1986	807	124	412	63	7
1985	785	120	401	61	7
1984	856	131	440	67	7
1983	830	127	427	65	7
1982	763	117	392	60	5
1981					
1980	700	71	360	36	5
1979					
1978	750	136	386	70	7
1977					
1976	680	92	350	47	6
1975					
1974	900	143	463	74	5
1973					
1972	800	120	411	62	6
1971					
1970	930	153	478	79	9
1969					
1968	860	114	442	59	6
1967					
1966					
1965	720	87	370	45	4

NAME OF PREPARER	EARL SCHEUERMAN	PHONE #	515-239-1153
DATE PREPARED	10-28-91		

## SHEET 3

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

\*STATE ASSIGNED ID [1A71]

\*STATE CODE [19]

\*SHRP SECTION ID [6150]

1. Year Applicable 1965, 1968, 1970, 1972,  
1974, 1976, 1978, 1980

## 2. METHOD FOR ESTIMATING AADT

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

## 3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

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

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.  
☐ System distribution factors.  
☒ Other: Average ATR 1985-  
1989 Distribution

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

- ☐ Based on actual lane count data.  
☐ System distribution factors.  
☒ Other: 1985-1989 Average ATR  
Lane Distribution

## 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  
Three year Averages

## (B) Weight Scale Type

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

NAME OF PREPARER EARL SCHEYERMAN PHONE # 515-239-1153  
DATE PREPARED 10-28-91

## SHEET 3

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

\*STATE ASSIGNED ID [IA 71]

\*STATE CODE [19]

\*SHRP SECTION ID [6150]

1. Year Applicable 1982, 1983, 1984

## 2. METHOD FOR ESTIMATING AADT

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

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

- ☐ Based on actual lane count data.  
☐ System distribution factors.  
☒ Other: 1985-1989 AVERAGE ATR  
KANE DISTRIBUTION.

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.  
☒ ESAL/Vehicle class. (no. of classes) 11  
☐ 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: SYSTEM AVERAGES  
FROM LATER YEARS COUNTS

## 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  
THREE YEAR AVERAGES.

## (B) Weight Scale Type

- ☐ WIM scale.  
☐ Static scale used for enforcement.  
☐ Static scale not used for enforcement.  
☒ Other: STATIC SCALE USED FOR  
ENFORCEMENT AND PORTABLE  
SCALES

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.  
☐ System distribution factors.  
☒ Other: AVERAGE ATR 1985-  
1989 DISTRIBUTION

NAME OF PREPARER EARL SCHEYERMAN PHONE # 515-239-1153  
DATE PREPARED 10-28-91

## SHEET 3

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

\*STATE ASSIGNED ID [FA71]

\*STATE CODE [19]

\*SHRP SECTION ID [6150]

1. Year Applicable 1985, 1986, 1987,  
1988, 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: ATR DATA

## 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: Based on AADT %  
LANE DISTRIBUTION

## 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  
THREE YEAR AVERAGES

## (B) Weight Scale Type

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

NAME OF PREPARER EARL SCHEYERMAN PHONE # 515-239-1153  
DATE PREPARED 10-28-91

SHEET 4  LTPP TRAFFIC DATA  TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [EA 71] *STATE CODE [19] *SHRP SECTION ID [6159]
---	---

HIGHWAY ROUTE NO. (THIS COUNT) IN H 196  
 MILEPOST# OR LOCATION (THIS COUNT) M.P. 0.01 AT Jct. US H 71 About 4.5 miles South  
 BEGINNING DATE 7-24-74 ENDING DATE 7-24-74  
 BEGINNING TIME 8 AM ENDING TIME 4 PM  
 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>291</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>1.865</u> <i>see 1976</i>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>543</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.525</u> (FROM COUNT)
5. GPS LANE DISTRIBUTION FACTOR		<u>N.A.</u>
6. AADT GPS LANE		<u>285</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>EARL SCHEYERMAN</u> DATE PREPARED <u>10-28-91</u>	PHONE # <u>515-239-1153</u>
--	-----------------------------

SHEET 4  LTPP TRAFFIC DATA  TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID <u>IA 71</u> *STATE CODE <u>19</u> *SHRP SECTION ID <u>6150</u>
---	--

HIGHWAY ROUTE NO. (THIS COUNT) IA H196  
 MILEPOST# OR LOCATION (THIS COUNT) MP 8.81 AT Jct USH20 About 3 miles north  
 BEGINNING DATE 7-11-74 ENDING DATE 7-11-74  
 BEGINNING TIME 8 AM ENDING TIME 4 PM  
 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>552</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	----	<i>This Factor include            adjust to 24 Hours,            DOWN &amp;            MONTHLY            adjustment            to AN-AADT            Computerized</i>
B. AXLE CORRECTION FACTOR	----	
C. DAY OF WEEK FACTOR	----	
D. MONTH FACTOR	----	
E. OTHER FACTOR (_____)	<u>1.7455</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>963</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.506</u>	(FROM COUNT)
5. GPS LANE DISTRIBUTION FACTOR	<u>N.A.</u>	
6. AADT GPS LANE	<u>487</u>	

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>EARL SCHEYERMAN</u> DATE PREPARED <u>10-28-91</u>	PHONE # <u>515-239-1153</u>
--	-----------------------------



SHEET 4  LTPP TRAFFIC DATA  TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [IA 171] *STATE CODE [19] *SHRP SECTION ID [6 150]
---	---

HIGHWAY ROUTE NO. (THIS COUNT) IA H 196  
 MILEPOST# OR LOCATION (THIS COUNT) AT Jct. USH 71 About 4.5 miles South  
 BEGINNING DATE 8-5-76 ENDING DATE 8-5-76  
 BEGINNING TIME 8 AM ENDING TIME 12 NOON  
 COUNT DURATION 4 [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>195</u>	This Factor includes adjustment
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		To 24 hours, Down and monthly to AN AADT
A. ADJUSTMENT TO 24-HOUR COUNT	<u>1.000</u>	
B. AXLE CORRECTION FACTOR	<u>1.000</u>	
C. DAY OF WEEK FACTOR	<u>1.000</u>	
D. MONTH FACTOR	<u>1.000</u>	
E. OTHER FACTOR (_____)	<u>3.506</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>684</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.570</u>	(FROM COUNT)
5. GPS LANE DISTRIBUTION FACTOR	<u>N.A.</u>	
6. AADT GPS LANE	<u>390</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>10-28-91</u>	

SHEET 4	*STATE ASSIGNED ID [IA 71]
LTPP TRAFFIC DATA	*STATE CODE [19]
TRAFFIC VOLUME COUNTS	*SHRP SECTION ID [6159]

HIGHWAY ROUTE NO. (THIS COUNT) IA H 194  
MILEPOST# OR LOCATION (THIS COUNT) AT JCT US 20 About 3 miles north  
BEGINNING DATE 7-28-76 ENDING DATE 7-28-76  
BEGINNING TIME midnight (0001) ENDING TIME midnight (2400)  
COUNT DURATION 24 [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>1088</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>0.910</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>990</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.499</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>N.A.</u>
6. AADT GPS LANE		<u>494</u>

*This Factor includes adjustment for down and month to an AADT*

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>EARL SCHEYERMAN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>10-28-91</u>	

SHEET 4  LTPP TRAFFIC DATA  TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [ <u>IA 71</u> ] *STATE CODE [ <u>19</u> ] *SHRP SECTION ID [ <u>6150</u> ]
---	--

HIGHWAY ROUTE NO. (THIS COUNT) IA H 196  
 MILEPOST# OR LOCATION (THIS COUNT) M.P. 0.01 About 4.5 miles South at Jct US H 71  
 BEGINNING DATE 8-15-78 ENDING DATE 8-15-78  
 BEGINNING TIME 8 AM - 12 NOON ENDING TIME 1 PM - 5 PM  
 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)	473	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	---	THIS FACTOR includes adjust to 24 hours, DOW and MONTHLY adjustment to AADT
B. AXLE CORRECTION FACTOR	---	
C. DAY OF WEEK FACTOR	---	
D. MONTH FACTOR	---	
E. OTHER FACTOR (_____)	1.585	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	745	
4. DIRECTIONAL DISTRIBUTION FACTOR	.474	(FROM COUNT)
5. GPS LANE DISTRIBUTION FACTOR	N.A.	
6. AADT GPS LANE	353	

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>EARL SCHEYERMAN</u> DATE PREPARED <u>10-28-91</u>	PHONE # <u>515-239-1153</u>
--	-----------------------------

SHEET 4  LTPP TRAFFIC DATA  TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID <u>IA 11</u> *STATE CODE <u>19</u> *SHRP SECTION ID <u>6150</u>
---	--

HIGHWAY ROUTE NO. (THIS COUNT) IA H 196  
 MILEPOST# OR LOCATION (THIS COUNT) M.P. 7.81 AT JCT. US20 ABOUT 3 MILES NORTH  
 BEGINNING DATE 6-18-80 ENDING DATE 6-18-80  
 BEGINNING TIME MIDNIGHT(0001) ENDING TIME MIDNIGHT(2400)  
 COUNT DURATION 24 [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)	1170	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	0.000	THIS FACTOR INCLUDES ADJUSTMENT FOR DOWN AND MONTHLY TO AADT
B. AXLE CORRECTION FACTOR	----	
C. DAY OF WEEK FACTOR	----	
D. MONTH FACTOR	----	
E. OTHER FACTOR (_____)	0.924	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	1081	
4. DIRECTIONAL DISTRIBUTION FACTOR	0.507	(FROM COUNT)
5. GPS LANE DISTRIBUTION FACTOR	N.A.	
6. AADT GPS LANE	548	

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>EARL SCHEYERMAN</u> DATE PREPARED <u>10-28-91</u>	PHONE # <u>515-239-1153</u>
--	-----------------------------

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [IA 71] *STATE CODE [19] *SHRP SECTION ID [6150]
---	---

HIGHWAY ROUTE NO. (THIS COUNT) IA H196  
 MILEPOST# OR LOCATION (THIS COUNT) AT JCT. US H71 ABOUT 4.5 SOUTH  
 BEGINNING DATE 6-24-80 ENDING DATE 6-24-80  
 BEGINNING TIME 8 AM - NOON <sup>AND</sup> ENDING TIME 1 PM - 5 PM  
 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>384</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	-----	This factor includes adjustment to 24 hours, DOW and monthly adjustment to an AADT
B. AXLE CORRECTION FACTOR	-----	
C. DAY OF WEEK FACTOR	-----	
D. MONTH FACTOR	-----	
E. OTHER FACTOR (_____)		<u>1.919</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>760</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.536</u> (FROM COUNT)
5. GPS LANE DISTRIBUTION FACTOR		<u>NA</u>
6. AADT GPS LANE		<u>407</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>EARL SCHEYERMAN</u> DATE PREPARED <u>10-28-91</u>	PHONE # <u>515-239-1153</u>
--	-----------------------------

SHEET 4  LTPP TRAFFIC DATA  TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [IA 71] *STATE CODE [L9] *SHRP SECTION ID [6150]
---	---

HIGHWAY ROUTE NO. (THIS COUNT) IA H 196

MILEPOST# OR LOCATION (THIS COUNT) MP 4.64

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	1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989.
1. TOTAL NO. OF VEHICLES (RAW COUNT)	-----		
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):			counts made
A. ADJUSTMENT TO 24-HOUR COUNT	-----		by ATR.
B. AXLE CORRECTION FACTOR	-----		volumes for
C. DAY OF WEEK FACTOR	-----		all 365 days
D. MONTH FACTOR	-----		forwarded to
E. OTHER FACTOR (_____)	-----		FHWA.
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>EARL SCHEYERMAN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>10-28-91</u>	

SHEET 5

## LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA  
FHWA 13-CLASS SYSTEM

\*STATE ASSIGNED ID [IA 71]

\*STATE CODE [19]

\*SHRP SECTION ID [6159]

HIGHWAY RT. NO. (THIS COUNT) IA 71 MILEPOST# (THIS COUNT) 0.01LOCATION (THIS COUNT) 4.5 miles South FUNCTIONAL CLASS 06BEGINNING DATE 7-24-70 ENDING DATE 7-24-70BEGINNING TIME 8 AM ENDING TIME 4 PM DURATION (HRS) 8TYPE OF COUNT: MANUAL X AUTOMATED \_\_\_\_\_ NO. OF LANES COUNTED 2

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

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

TOTAL NO. OF VEHICLES CLASSIFIED 291 # TRUCKS 47 % TRUCKS 16.2NO. OF TRUCKS IN GPS LANE 23 % OF TRUCKS IN GPS LANE 48.9VEHICLE 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 # 515-239-1153DATE PREPARED 10-28-91

<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>FA 71</u></p> <p>*STATE CODE <u>19</u></p> <p>*SHRP SECTION ID <u>6159</u></p>
--	---

HIGHWAY RT. NO. (THIS COUNT) IA H 196 MILEPOST# (THIS COUNT) 7.81

LOCATION (THIS COUNT) 3 miles north FUNCTIONAL CLASS 06  
 BEGINNING DATE 7-11-74 ENDING DATE 7-11-74  
 BEGINNING TIME 8 AM ENDING TIME 4 PM DURATION (HRS) 8

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

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

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

TOTAL NO. OF VEHICLES CLASSIFIED 552 # TRUCKS 109 % TRUCKS 19.7

NO. OF TRUCKS IN GPS LANE 53 % OF TRUCKS IN GPS LANE 48.6

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 SCHEUERMAN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>10-28-91</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>IA 71</u> ]</p> <p>*STATE CODE [ <u>19</u> ]</p> <p>*SHRP SECTION ID [ <u>6150</u> ]</p>
--	---

HIGHWAY RT. NO. (THIS COUNT) IA H 196 MILEPOST# (THIS COUNT) 0.01

LOCATION (THIS COUNT) 4.5 miles South FUNCTIONAL CLASS 06  
 BEGINNING DATE 8-5-76 ENDING DATE 8-5-76  
 BEGINNING TIME 8 AM ENDING TIME NOON DURATION (HRS) 4

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

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

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

TOTAL NO. OF VEHICLES CLASSIFIED 195 # TRUCKS 34 % TRUCKS 17.4

NO. OF TRUCKS IN GPS LANE 19 % OF TRUCKS IN GPS LANE 55.9

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 10-28-91

<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>IA 71</u></p> <p>*STATE CODE <u>19</u></p> <p>*SHRP SECTION ID <u>6159</u></p>
--	---

HIGHWAY RT. NO. (THIS COUNT) IA A196 MILEPOST# (THIS COUNT) 7.81

LOCATION (THIS COUNT) 3 miles north FUNCTIONAL CLASS 06

BEGINNING DATE 7-28-76 ENDING DATE 7-28-76

BEGINNING TIME 0001 ENDING TIME 2400 DURATION (HRS) 24

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

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

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

TOTAL NO. OF VEHICLES CLASSIFIED 1088 # TRUCKS 197 % TRUCKS 18.1

NO. OF TRUCKS IN GPS LANE 111 % OF TRUCKS IN GPS LANE 56.3

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 10-28-91

<p>SHEET 5</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 <u>IA 71</u></p> <p>*STATE CODE <u>19</u></p> <p>*SHRP SECTION ID <u>6159</u></p>
---	---

HIGHWAY RT. NO. (THIS COUNT) IA H 196 MILEPOST# (THIS COUNT) 0.01

LOCATION (THIS COUNT) 4.5 miles south FUNCTIONAL CLASS 06

BEGINNING DATE 8-15-78 ENDING DATE 8-15-78

BEGINNING TIME 8AM-NOON ENDING TIME 1PM-5PM DURATION (HRS) 8

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

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

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

TOTAL NO. OF VEHICLES CLASSIFIED 473 # TRUCKS 101 % TRUCKS 21.4

NO. OF TRUCKS IN GPS LANE 47 % OF TRUCKS IN GPS LANE 46.5

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	_____	_____	_____
<b>GRAND TOTAL</b>	_____	_____	_____

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

DATE PREPARED 10-28-91

<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>IA 71</u> ]</p> <p>*STATE CODE [ <u>19</u> ]</p> <p>*SHRP SECTION ID [ <u>6150</u> ]</p>
--	---

HIGHWAY RT. NO. (THIS COUNT) IA H 196 MILEPOST# (THIS COUNT) 7.71

LOCATION (THIS COUNT) About 3 miles north FUNCTIONAL CLASS 06

BEGINNING DATE 6-18-80 ENDING DATE 6-18-80

BEGINNING TIME 0001 ENDING TIME 2400 DURATION (HRS) 24

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

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

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

TOTAL NO. OF VEHICLES CLASSIFIED 1170 # TRUCKS 111 % TRUCKS 9.5

NO. OF TRUCKS IN GPS LANE 62 % OF TRUCKS IN GPS LANE 55.9

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 10-28-91

SHEET 5

## LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA  
FHWA 13-CLASS SYSTEM

\*STATE ASSIGNED ID [IA 71]

\*STATE CODE [19]

\*SHRP SECTION ID [6159]

HIGHWAY RT. NO. (THIS COUNT) IA H 196 MILEPOST# (THIS COUNT) 0.01LOCATION (THIS COUNT) 4.5 miles South FUNCTIONAL CLASS 06BEGINNING DATE 6-24-80 ENDING DATE 6-24-80BEGINNING TIME 8AM-12 NOON ENDING TIME 1PM AND 5PM DURATION (HRS) 8TYPE OF COUNT: MANUAL X AUTOMATED \_\_\_\_\_ NO. OF LANES COUNTED 2

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

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

TOTAL NO. OF VEHICLES CLASSIFIED 384 # TRUCKS 62 % TRUCKS 16.1NO. OF TRUCKS IN GPS LANE 35 % OF TRUCKS IN GPS LANE 56.5VEHICLE 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 10-28-91

<p>SHEET 6</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>AGENCY DEFINED CLASSES</p>	<p>*STATE ASSIGNED ID [ <u>IA 71</u> ]</p> <p>*STATE CODE [ <u>19</u> ]</p> <p>*SHRP SECTION ID [ <u>6150</u> ]</p>
--	---

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) IA H 196 MILEPOST # (THIS COUNT) 0.01

BEGINNING DATE 7-24-74 ENDING DATE 7-24-74

BEGINNING TIME 8 AM ENDING TIME 4 PM 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>244</u>	<u>153</u>	<u>153</u>
<u>&amp; PICKUPS</u>			
B. <u>SINGLE UNIT</u>	<u>33</u>	<u>16</u>	<u>16</u>
<u>TRUCKS</u>			
C. <u>TTSTs</u>	<u>14</u>	<u>7</u>	<u>7</u>
D. _____	_____	_____	_____
E. _____	_____	_____	_____
F. _____	_____	_____	_____
G. _____	_____	_____	_____
H. _____	_____	_____	_____
I. _____	_____	_____	_____
J. _____	_____	_____	_____
K. _____	_____	_____	_____
L. _____	_____	_____	_____
M. _____	_____	_____	_____
N. _____	_____	_____	_____
O. _____	_____	_____	_____
P. _____	_____	_____	_____
Q. _____	_____	_____	_____
R. _____	_____	_____	_____
S. _____	_____	_____	_____
T. _____	_____	_____	_____

GRAND TOTAL 291 176 176

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

DATE PREPARED 10-28-91

<p>SHEET 6</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>AGENCY DEFINED CLASSES</p>	<p>*STATE ASSIGNED ID [ <u>IA 71</u> ]</p> <p>*STATE CODE [ <u>19</u> ]</p> <p>*SHRP SECTION ID [ <u>6 150</u> ]</p>
--	--

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) IA H 196 MILEPOST # (THIS COUNT) 7.81

BEGINNING DATE 7-11-94 ENDING DATE 7-11-94

BEGINNING TIME 8 AM ENDING TIME 4 PM 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>443</u>	<u>226</u>	<u>226</u>
<u>&amp; PICKUPS</u>			
B. <u>SINGLE UNIT</u>	<u>89</u>	<u>44</u>	<u>44</u>
<u>TRUCKS</u>			
C. <u>TTSTs</u>	<u>20</u>	<u>9</u>	<u>9</u>
D.			
E.			
F.			
G.			
H.			
I.			
J.			
K.			
L.			
M.			
N.			
O.			
P.			
Q.			
R.			
S.			
T.			
GRAND TOTAL	<u>552</u>	<u>279</u>	<u>279</u>

NAME OF PREPARER <u>EARL SCHEUERMANN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>10-28-91</u>	

SHEET 6  
LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA  
AGENCY DEFINED CLASSES

\*STATE ASSIGNED ID [IA 71]

\*STATE CODE [19]

\*SHRP SECTION ID [6150]

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) IA H 196 MILEPOST # (THIS COUNT) 0.01

BEGINNING DATE 8-5-76 ENDING DATE 8-5-76

BEGINNING TIME 8 AM ENDING TIME NOON DURATION (HRS) 4

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>161</u>	<u>92</u>	<u>92</u>
<u>&amp; PICKUPS</u>			
B. <u>SINGLE UNIT</u>	<u>19</u>	<u>12</u>	<u>12</u>
<u>TRUCKS</u>			
C. <u>TTSTs</u>	<u>15</u>	<u>7</u>	<u>7</u>
D. _____	_____	_____	_____
E. _____	_____	_____	_____
F. _____	_____	_____	_____
G. _____	_____	_____	_____
H. _____	_____	_____	_____
I. _____	_____	_____	_____
J. _____	_____	_____	_____
K. _____	_____	_____	_____
L. _____	_____	_____	_____
M. _____	_____	_____	_____
N. _____	_____	_____	_____
O. _____	_____	_____	_____
P. _____	_____	_____	_____
Q. _____	_____	_____	_____
R. _____	_____	_____	_____
S. _____	_____	_____	_____
T. _____	_____	_____	_____
GRAND TOTAL	<u>195</u>	<u>111</u>	<u>111</u>

NAME OF PREPARER EARL SCHEUERMANN PHONE # 515-239-1153  
DATE PREPARED 10-28-91



<p>SHEET 6</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>AGENCY DEFINED CLASSES</p>	<p>*STATE ASSIGNED ID [ <u>FA 71</u> ]</p> <p>*STATE CODE [ <u>19</u> ]</p> <p>*SHRP SECTION ID [ <u>6150</u> ]</p>
--	---

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) IA 4196 MILEPOST # (THIS COUNT) 7.81

BEGINNING DATE 7-28-76 ENDING DATE 7-28-76

BEGINNING TIME 0001 ENDING TIME 2400 DURATION (HRS) 24

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>891</u>	<u>431</u>	<u>431</u>
<u>&amp; PICKUPS</u>			
B. <u>SINGLE UNIT</u>	<u>155</u>	<u>90</u>	<u>90</u>
<u>TRUCKS</u>			
C. <u>TTSTs</u>	<u>42</u>	<u>21</u>	<u>21</u>
D.			
E.			
F.			
G.			
H.			
I.			
J.			
K.			
L.			
M.			
N.			
O.			
P.			
Q.			
R.			
S.			
T.			

GRAND TOTAL

1088 542 542

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

DATE PREPARED 10-28-91

<p>SHEET 6</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>AGENCY DEFINED CLASSES</p>	<p>*STATE ASSIGNED ID [ <u>IA 71</u> ]</p> <p>*STATE CODE [ <u>19</u> ]</p> <p>*SHRP SECTION ID [ <u>6150</u> ]</p>
--	---

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) IA 19 196 MILEPOST # (THIS COUNT) 0.01

BEGINNING DATE 8-15-78 ENDING DATE 8-15-78

BEGINNING TIME 8 AM - NOON ENDING TIME 1 PM - 5 PM 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>372</u>	<u>177</u>	<u>177</u>
<u>&amp; PICKUPS</u>			
B. <u>SINGLE UNIT</u>	<u>65</u>	<u>28</u>	<u>28</u>
<u>TRUCKS</u>			
C. <u>TTSTs</u>	<u>36</u>	<u>19</u>	<u>19</u>
D.			
E.			
F.			
G.			
H.			
I.			
J.			
K.			
L.			
M.			
N.			
O.			
P.			
Q.			
R.			
S.			
T.			

GRAND TOTAL

473 224 224

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

DATE PREPARED 10-28-91

<p>SHEET 6</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>AGENCY DEFINED CLASSES</p>	<p>*STATE ASSIGNED ID [ <u>IA 71</u> ]</p> <p>*STATE CODE [ <u>19</u> ]</p> <p>*SHRP SECTION ID [ <u>6150</u> ]</p>
--	---

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) IA 4196 MILEPOST # (THIS COUNT) 7.81

BEGINNING DATE 6-18-80 ENDING DATE 6-18-80

BEGINNING TIME 0001 ENDING TIME 2400 DURATION (HRS) 24

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>1059</u>	<u>522</u>	<u>522</u>
<u>&amp; Pickups</u>	<u>71</u>	<u>37</u>	<u>37</u>
B. <u>SINGLE UNIT</u>			
<u>TRUCKS</u>	<u>40</u>	<u>25</u>	<u>25</u>
C. <u>TTSTs</u>			
D. _____			
E. _____			
F. _____			
G. _____			
H. _____			
I. _____			
J. _____			
K. _____			
L. _____			
M. _____			
N. _____			
O. _____			
P. _____			
Q. _____			
R. _____			
S. _____			
T. _____			
GRAND TOTAL	<u>1170</u>	<u>584</u>	<u>584</u>

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

DATE PREPARED 10-28-91

<p>SHEET 6</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION DATA</p> <p>AGENCY DEFINED CLASSES</p>	<p>*STATE ASSIGNED ID [ <u>IA 71</u> ]</p> <p>*STATE CODE [ <u>19</u> ]</p> <p>*SHRP SECTION ID [ <u>6150</u> ]</p>
--	---

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) IA H 196 MILEPOST # (THIS COUNT) 0.01

BEGINNING DATE 6-24-80 ENDING DATE 6-24-80

BEGINNING TIME 8AM-NOON ENDING TIME 1PM-5PM 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>322</u>	<u>171</u>	<u>171</u>
<u>&amp; PICKUPS</u>			
B. <u>SINGLE UNIT</u>	<u>36</u>	<u>18</u>	<u>18</u>
<u>TRUCKS</u>			
C. <u>TTSTs</u>	<u>26</u>	<u>17</u>	<u>17</u>
D.			
E.			
F.			
G.			
H.			
I.			
J.			
K.			
L.			
M.			
N.			
O.			
P.			
Q.			
R.			
S.			
T.			
GRAND TOTAL	<u>384</u>	<u>206</u>	<u>206</u>

NAME OF PREPARER <u>EARL SCHEUERMANN</u>	PHONE # <u>515-239-1153</u>
DATE PREPARED <u>10-28-81</u>	

SHEET 7  
LTPP TRAFFIC DATA  
VEHICLE CLASSIFICATION  
CONVERSION CHART

\*STATE ASSIGNED ID [7471]  
\*STATE CODE [19]  
\*SHRP SECTION ID [6159]

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

NAME OF PREPARER EARL SCHEUERMANN PHONE # 515-239-1153  
DATE PREPARED 10-28-91

NOT APPLICABLE

SHEET 8 LTPP TRAFFIC DATA TRUCK WEIGHT SESSION INFORMATION	*STATE ASSIGNED ID [FA 7/1] *STATE CODE [19] *SHRP SECTION ID [6150]
---	--

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 EARL SCHEUERMANN PHONE # 515-239-1153  
DATE PREPARED 10-28-91

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 [1471]
	*STATE CODE [19]
	*SHRP SECTION ID [6150]

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.

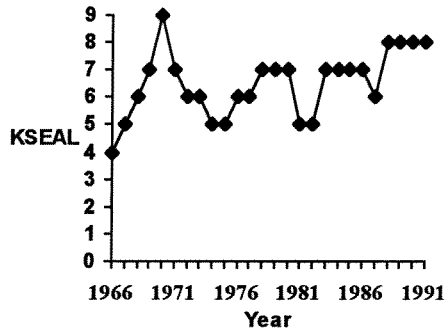
NAME OF PREPARER	EARL SCHEUER MANN	PHONE #	515-239-1153
DATE PREPARED	10-28-91		

Agency ID: 19

SHRP ID: 6150

Agency Name: Iowa

### Historical Traffic Data



Year:	KESAL:	SRO:
1990	8	
1991	8	

Permanent System WIM

Installation Date 6/1/91

Manufacturer GK Instruments

Model AWACS 6000

Type Piezo Cable

Site Location ST-196 NB

MP or Station MP 4.64

Design KESAL 10

Level P

Number of Lanes 2

Lanes Monitored 2N

Equipment Location .1 MLN

Construction Event 1

Layer Number	Layer Type	Thickness0	Thickness5
1	SS		
2	GB	3	3
3	TB	4.4	4.4
4	AC	0.6	0.6
5	AC	3.6	3.6
6	AC	0.4	0.4