

SCANNED

AUG 05 2008

BY AB

ENDER

SHEET 1

LTPP TRAFFIC DATA

SUMMARY TRANSMITTAL FORM

\*STATE ASSIGNED ID [34611]

\*STATE CODE [55]

\*SHRP SECTION ID [3015]

STATE OR PROVINCE Wisconsin COUNTY Marquette

HIGHWAY ROUTE NO. US-51 MILEPOST# MP 101.27

NEAREST CITY/TOWN Endeavor NEAREST INTERSECTION 5.25 mi. S. of STH 82

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

DIRECTION OF TRAVEL GPS LANE S DATE OPENED TO TRAF. - - - 84

FIPS COUNTY CODE 077 FHWA STATION IDENTIFICATION NO. D05

HPMS SAMPLE NO. - HPMS SUBDIVISION NO. -

TYPE OF PAVEMENT: AC - PCC ✓ OTHER -

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

CURRENT SURROUNDING DEVELOPMENT:

URBAN - SUBURBAN - RURAL X

HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?

YES - NO X

IF YES, DESCRIBE CHANGES -

-

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

NAME OF PREPARER JOHN WILLIAMSON PHONE # (608) 267-2939

DATE PREPARED -

<p><b>SHEET 2</b></p> <p><b>LTPP TRAFFIC DATA</b></p> <p><b>TRAFFIC VOLUMES AND LOAD ESTIMATES</b></p>	<p>*STATE ASSIGNED ID [ <u>3461</u> ]</p> <p>*STATE CODE [ <u>55</u> ]</p> <p>*SHRP SECTION ID [ <u>3015</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			4507	964	470.1
1988			4758	541	234.5
1987	7009		3329	552	466.3
1986	7680		3648	550	465.3
1985	6763		3212	372	314.4
1984	5610		2665	439	130.2
1983	X				
1982					
1981					
1980					
1979					
1978					
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER <u>JOHN WILLIAMSON</u>	PHONE # <u>(608) 267-2939</u>
DATE PREPARED _____	

<p><b>SHEET 2</b></p> <p><b>LTPP TRAFFIC DATA</b></p> <p><b>TRAFFIC VOLUMES AND LOAD ESTIMATES</b></p>	<p>*STATE ASSIGNED ID [3461]</p> <p>*STATE CODE [55]</p> <p>*SHRP SECTION ID [3015]</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	10431	1512	45074694	964681	470.1 373
1988	9574	1380	47584281	597621	234.5 340
1987	70098597	1247	33293869	552561	466.3 307
1986	7680	1114	36483456	550501	465.3 274
1985	6763	981	32123043	372441	314.4 242
1984	5610	813	26652525	439366	130.2 200
1983	X				
1982					
1981					
1980					
1979					
1978					
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

SCANNED

FEB 25 2009

ENTERED APR 09 2009

BY

NAME OF PREPARER <u>JOHN WILLIAMSON</u>	PHONE # <u>(608) 267-2939</u>
DATE PREPARED _____	

## SHEET 3

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

\*STATE ASSIGNED ID [3461]

\*STATE CODE [55]

\*SHRP SECTION ID [3015]

1. Year Applicable 1984

## 2. METHOD FOR ESTIMATING AADT

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

## 3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

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

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

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

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

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

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☒ ESAL/Truck.  
☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_  
☐ Other: \_\_\_\_\_

## 7. ESAL ESTIMATES

## (A) Source of Data

- ☐ Weight data collected at GPS site this year.  
☐ Weight data collected at GPS site prior years.  
☒ Weight data from system averages this year.  
☐ Weight data from system averages prior years.  
☐ Weight data from historic W-4 Tables used.  
☐ Other: \_\_\_\_\_

## (B) Weight Scale Type

- ☒ WIM scale.  
☐ Static scale used for enforcement.  
☐ Static scale not used for enforcement.  
☐ Other: \_\_\_\_\_

NAME OF PREPARER JOHN WILLIAMSONPHONE # (608) 267-2939

DATE PREPARED \_\_\_\_\_

SCANNED

AUG 05 2008

SHEET 3

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

\*STATE ASSIGNED ID [3461]  
\*STATE CODE [55]  
\*SHRP SECTION ID [3015]

1. Year Applicable 1985

**2. METHOD FOR ESTIMATING AADT**

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

**3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES**

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

**4. METHOD FOR ESTIMATING AADT BY GPS LANE**

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

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

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

**6. METHOD FOR ESTIMATING ESAL/VEHICLE**

- ☒ ESAL/Truck.  
☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_  
☐ Other: \_\_\_\_\_

**7. ESAL ESTIMATES**

**(A) Source of Data**

- ☐ Weight data collected at GPS site this year.  
☒ Weight data collected at GPS site prior years.  
☐ Weight data from system averages this year.  
☐ Weight data from system averages prior years.  
☐ Weight data from historic W-4 Tables used.  
☐ Other: \_\_\_\_\_

**(B) Weight Scale Type**

- ☒ WIM scale.  
☐ Static scale used for enforcement.  
☐ Static scale not used for enforcement.  
☐ Other: \_\_\_\_\_

NAME OF PREPARER JOHN WILLIAMSON

PHONE # (608) 267-2939

DATE PREPARED \_\_\_\_\_

SCANNED

AUG 15 2008

SHEET 3

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

\*STATE ASSIGNED ID [3461]

\*STATE CODE [55]

\*SHRP SECTION ID [3015]

1. Year Applicable 1986

**2. METHOD FOR ESTIMATING AADT**

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

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

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

**6. METHOD FOR ESTIMATING ESAL/VEHICLE**

- ☒ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

**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: \_\_\_\_\_

**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. 1985
- ☐ Weight data from historic W-4 Tables used.
- ☐ Other: \_\_\_\_\_

**(B) Weight Scale Type**

- ☒ WIM scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☐ Other: \_\_\_\_\_

**4. METHOD FOR ESTIMATING AADT BY GPS LANE**

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

NAME OF PREPARER JOHN WILLIAMSON

PHONE # (608) 267-2939

DATE PREPARED \_\_\_\_\_

SCANNED

AUG 05 2008  
BY *[Signature]*

SHEET 3

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

\*STATE ASSIGNED ID [3461]  
\*STATE CODE [55]  
\*SHRP SECTION ID [3015]

1. Year Applicable 1987

**2. METHOD FOR ESTIMATING AADT**

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

**3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES**

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

**4. METHOD FOR ESTIMATING AADT BY GPS LANE**

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

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

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

**6. METHOD FOR ESTIMATING ESAL/VEHICLE**

- ☒ ESAL/Truck.  
☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_  
☐ Other: \_\_\_\_\_

**7. ESAL ESTIMATES**

**(A) Source of Data**

- ☐ Weight data collected at GPS site this year.  
☐ Weight data collected at GPS site prior years.  
☒ Weight data from system averages this year.  
☒ Weight data from system averages prior years. 1985  
☐ Weight data from historic W-4 Tables used.  
☐ Other: \_\_\_\_\_

**(B) Weight Scale Type**

- ☒ WIM scale.  
☐ Static scale used for enforcement.  
☐ Static scale not used for enforcement.  
☐ Other: \_\_\_\_\_

NAME OF PREPARER JOHN WILLIAMSON

PHONE # (608) 267-2939

DATE PREPARED \_\_\_\_\_

AUG 16 2008  
BY *[Signature]*

SHEET 3

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

\*STATE ASSIGNED ID [3461]  
\*STATE CODE [55]  
\*SHRP SECTION ID [3015]

1. Year Applicable 1988

**2. METHOD FOR ESTIMATING AADT**

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

**3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES**

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

**4. METHOD FOR ESTIMATING AADT BY GPS LANE**

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

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

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

**6. METHOD FOR ESTIMATING ESAL/VEHICLE**

- ☒ ESAL/Truck.  
☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_  
☐ Other: \_\_\_\_\_

**7. ESAL ESTIMATES**

**(A) Source of Data**

- ☐ Weight data collected at GPS site this year.  
☐ Weight data collected at GPS site prior years.  
☒ Weight data from system averages this year.  
☐ Weight data from system averages prior years.  
☐ Weight data from historic W-4 Tables used.  
☐ Other: \_\_\_\_\_

**(B) Weight Scale Type**

- ☒ WIM scale.  
☐ Static scale used for enforcement.  
☐ Static scale not used for enforcement.  
☐ Other: \_\_\_\_\_

NAME OF PREPARER JOHN WILLIAMSON

PHONE # (608) 267-2939

DATE PREPARED \_\_\_\_\_



SCANNED

AUG 8 2008

SHEET 3

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

\*STATE ASSIGNED ID [3461]

\*STATE CODE [55]

\*SHRP SECTION ID [3015]

1. Year Applicable 1989

## 2. METHOD FOR ESTIMATING AADT

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

## 3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

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

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

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

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

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

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☒ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

## 7. ESAL ESTIMATES

## (A) Source of Data

- ☒ Weight data collected at GPS site this year.
- ☐ Weight data collected at GPS site prior years.
- ☐ Weight data from system averages this year.
- ☐ Weight data from system averages prior years.
- ☐ Weight data from historic W-4 Tables used.
- ☐ Other: \_\_\_\_\_

## (B) Weight Scale Type

- ☒ WIM scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☐ Other: \_\_\_\_\_

NAME OF PREPARER JOHN WILLIAMSONPHONE # (608) 267-2939

DATE PREPARED \_\_\_\_\_

<b>SHEET 4</b>  <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ <u>3461</u> ] *STATE CODE [ <u>55</u> ] *SHRP SECTION ID [ <u>3015</u> ]
--	---

HIGHWAY ROUTE NO. (THIS COUNT) US 51  
 MILEPOST# OR LOCATION (THIS COUNT) north of SH 23 West  
 BEGINNING DATE -84 ENDING DATE -84  
 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 \_\_\_\_\_

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)		-----
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		-.----
B. AXLE CORRECTION FACTOR		-.----
C. DAY OF WEEK FACTOR		-.----
D. MONTH FACTOR		-.----
E. OTHER FACTOR (_____)		-.----
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>5610</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.950</u>
6. AADT GPS LANE		<u>2665</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>JOHN WILLIAMSON</u> DATE PREPARED _____	PHONE # <u>(608) 267-2939</u>
--	-------------------------------

<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID <u>[3461]</u>
	*STATE CODE <u>[55]</u>
	*SHRP SECTION ID <u>[3015]</u>

HIGHWAY ROUTE NO. (THIS COUNT) USH 51

MILEPOST# OR LOCATION (THIS COUNT) 4.0 miles north of SH 23 west

BEGINNING DATE 10-2-85 ENDING DATE 10-4-85

BEGINNING TIME NA ENDING TIME NA

COUNT DURATION 48 ☒ HOURS ☐ DAYS ☐ MONTHS

TYPE OF COUNTER K-Hill NAME/MODEL # K-Hill

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>6431</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	<u>1.000</u>	stored on files as a 24 hour average
B. AXLE CORRECTION FACTOR	<u>---</u>	
C. DAY OF WEEK FACTOR	<u>---</u>	
D. MONTH FACTOR	<u>---</u>	
E. OTHER FACTOR ( <u>weekly</u> )	<u>1.0516</u>	week 40 group 4
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>6763</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.950</u>	
6. AADT GPS LANE	<u>3212</u>	

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>JOHN WILLIAMSON</u>	PHONE # <u>(608) 267-2939</u>
DATE PREPARED _____	

<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ <u>3461</u> ]
	*STATE CODE [ <u>55</u> ]
	*SHRP SECTION ID [ <u>3015</u> ]

HIGHWAY ROUTE NO. (THIS COUNT) US 51

MILEPOST# OR LOCATION (THIS COUNT) South of STH 23 west

BEGINNING DATE -86 ENDING DATE -86

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

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

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

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	_____	_____
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	_____	_____
B. AXLE CORRECTION FACTOR	_____	_____
C. DAY OF WEEK FACTOR	_____	_____
D. MONTH FACTOR	_____	_____
E. OTHER FACTOR ( _____ )	_____	_____
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>7680</u>	_____
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>	_____
5. GPS LANE DISTRIBUTION FACTOR	<u>0.950</u>	_____
6. AADT GPS LANE	<u>3648</u>	_____

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>JOHN WILLIAMSON</u>	PHONE # <u>(608) 267-2939</u>
DATE PREPARED _____	

<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [3461]
	*STATE CODE [55]
	*SHRP SECTION ID [3015]

HIGHWAY ROUTE NO. (THIS COUNT) US 51

MILEPOST# OR LOCATION (THIS COUNT) South of SRH 23 West

BEGINNING DATE -87 ENDING DATE -87

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

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

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

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	_____	_____
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	_____	_____
B. AXLE CORRECTION FACTOR	_____	_____
C. DAY OF WEEK FACTOR	_____	_____
D. MONTH FACTOR	_____	_____
E. OTHER FACTOR (_____)	_____	_____
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	_____	<u>7009</u>
4. DIRECTIONAL DISTRIBUTION FACTOR	_____	<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR	_____	<u>0.950</u>
6. AADT GPS LANE	_____	<u>3329</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>JOHN WILLIAMSON</u>	PHONE # <u>(608) 267-2939</u>
DATE PREPARED _____	

<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [3461]
	*STATE CODE [55]
	*SHRP SECTION ID [3015]

HIGHWAY ROUTE NO. (THIS COUNT) USH 51

MILEPOST# OR LOCATION (THIS COUNT) South of CTH 'D' southbound

BEGINNING DATE 5-10-88 ENDING DATE 5-12-88

BEGINNING TIME NA ENDING TIME NA

COUNT DURATION 48 [X] HOURS [ ] DAYS [ ] MONTHS

TYPE OF COUNTER NA NAME/MODEL # NA

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>4599</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	<u>1.000</u>	stored on file as a 24 hour average.
B. AXLE CORRECTION FACTOR	<u>---</u>	
C. DAY OF WEEK FACTOR	<u>---</u>	
D. MONTH FACTOR	<u>---</u>	
E. OTHER FACTOR ( <u>weekly</u> )	<u>1.0890</u>	note 20 group 5
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>5008</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>1.000</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.950</u>	
6. AADT GPS LANE	<u>4758</u>	

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>JOHN WILLIAMSON</u>	PHONE # <u>(608) 267-2939</u>
DATE PREPARED <u> </u>	

<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [3461] *STATE CODE [55] *SHRP SECTION ID [3015]
--	--

HIGHWAY ROUTE NO. (THIS COUNT) US 51  
 MILEPOST# OR LOCATION (THIS COUNT) South of CTH 'D'  
 BEGINNING DATE -89 ENDING DATE -89  
 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 \_\_\_\_\_

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)	_____	_____
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	_____	_____
B. AXLE CORRECTION FACTOR	_____	_____
C. DAY OF WEEK FACTOR	_____	_____
D. MONTH FACTOR	_____	_____
E. OTHER FACTOR (_____)	_____	_____
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>5008</u>	(10,038 2-way)
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>1.000</u> <del>0.500</del>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.900</u>	
6. AADT GPS LANE	<u>4507</u>	

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>JOHN WILLIAMSON</u>	PHONE # <u>(608) 267-2939</u>
DATE PREPARED _____	

ENDAVOR

<b>SHEET 5</b> <b>LTPP TRAFFIC DATA</b> <b>VEHICLE CLASSIFICATION DATA</b> <b>FHWA 13-CLASS SYSTEM</b>	*STATE ASSIGNED ID <u>[3461]</u> *STATE CODE <u>[55]</u> *SHRP SECTION ID <u>[3015]</u>
---	---

HIGHWAY RT. NO. (THIS COUNT) USH 51 MILEPOST# (THIS COUNT) \_\_\_\_\_

LOCATION (THIS COUNT) 0.3 mile S. of CTH 'D' FUNCTIONAL CLASS 2

BEGINNING DATE 5-22-89 ENDING DATE 5-24-89

BEGINNING TIME 1300 ENDING TIME 1300 DURATION (HRS) 48

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

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

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

TOTAL NO. OF VEHICLES CLASSIFIED 3730 # TRUCKS 798 % TRUCKS 21.4

NO. OF TRUCKS IN GPS LANE 758 % OF TRUCKS IN GPS LANE 95%

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	<del>TOTAL</del> NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	_____	<u>2933</u>	_____
2. FHWA CLASS 4 (Buses)	_____	<u>17</u>	_____
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	_____	<u>134</u>	_____
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	_____	<u>23</u>	_____
5. FHWA CLASS 7 (4 or more Axle SU Truck)	_____	<u>3</u>	_____
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	_____	<u>133</u>	_____
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	_____	<u>456</u>	_____
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	_____	<u>5</u>	_____
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	_____	<u>26</u>	_____
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	_____	<u>3</u>	_____
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	_____	<u>2</u>	_____
12. OTHER VEHICLES	_____	<u>0</u>	_____
<b>GRAND TOTAL</b>	_____	<u>3730</u>	_____

*Weekly Average*

*from  
WIM  
data  
sent to  
FHWA*

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	



SHEET 6  
LTPP TRAFFIC DATA  
VEHICLE CLASSIFICATION DATA  
AGENCY DEFINED CLASSES

\*STATE ASSIGNED ID [ \_\_\_\_\_ ]  
\*STATE CODE [ 55 ]  
\*SHRP SECTION ID [ -ALL- ]

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

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

BEGINNING DATE 1973 ENDING DATE 1982

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>Wisconsin Cars -</u>	_____	_____	_____
<u>Standard</u>	_____	_____	_____
B. <u>Wisconsin Cars -</u>	_____	_____	_____
<u>Small</u>	_____	_____	_____
C. <u>Out-of-State Cars -</u>	_____	_____	_____
<u>Standard</u>	_____	_____	_____
D. <u>Out-of-State Cars -</u>	_____	_____	_____
<u>Small</u>	_____	_____	_____
E. <u>motorcycles</u>	_____	_____	_____
F. <u>Commercial Bus</u>	_____	_____	_____
G. <u>School Bus</u>	_____	_____	_____
H. <u>2P</u>	_____	_____	_____
I. <u>2S</u>	_____	_____	_____
J. <u>2D</u>	_____	_____	_____
K. <u>3 Axle Single Unit</u>	_____	_____	_____
L. <u>4 Axle or more</u>	_____	_____	_____
<u>Single Unit</u>	_____	_____	_____
M. <u>3 Axle Tractor -</u>	_____	_____	_____
<u>Semi trailer</u>	_____	_____	_____
N. <u>4 Axle Tractor -</u>	_____	_____	_____
<u>semi trailer</u>	_____	_____	_____
O. <u>5 Axle Tractor -</u>	_____	_____	_____
<u>Semi trailer</u>	_____	_____	_____
P. <u>6 Axle or more</u>	_____	_____	_____
<u>Tractor - Semi trailer</u>	_____	_____	_____
Q. <u>3 Axle Truck and</u>	_____	_____	_____
<u>Trailer</u>	_____	_____	_____
R. <u>4 Axle Truck and</u>	_____	_____	_____
<u>Trailer</u>	_____	_____	_____
S. <u>5 Axle Truck and</u>	_____	_____	_____
<u>Trailer</u>	_____	_____	_____
T. <u>6 Axle or more Truck</u>	_____	_____	_____
<u>and Trailer</u>	_____	_____	_____

GRAND TOTAL \_\_\_\_\_

NAME OF PREPARER John Williamson PHONE # (608) 267-2939  
DATE PREPARED 7-26-90

**SHEET 6**  
**LTPP TRAFFIC DATA**  
**VEHICLE CLASSIFICATION DATA**  
**AGENCY DEFINED CLASSES**

\*STATE ASSIGNED ID [ \_\_\_\_\_ ]  
 \*STATE CODE [ 55 ]  
 \*SHRP SECTION ID [ -All- ]

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

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

BEGINNING DATE 1983 ENDING DATE 1983  
 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>Standard and Compact Cars</u>	_____	_____	_____
B. <u>Small (Subcompact) Cars</u>	_____	_____	_____
C. <u>Motorcycles</u>	_____	_____	_____
D. <u>All buses</u>	_____	_____	_____
E. <u>2P, 2S</u>	_____	_____	_____
F. <u>2D</u>	_____	_____	_____
G. <u>3 Axle or more Single Unit Trucks</u>	_____	_____	_____
H. <u>3 Axle Combinations - 2S1, 2-1</u>	_____	_____	_____
I. <u>4 Axle Combinations - 2S2, 3S1, 2-2, 3-1</u>	_____	_____	_____
J. <u>5 Axle Tractor-Semitrailer - 3S2, 2S3</u>	_____	_____	_____
K. <u>5 Axle Double Bottoms 2S1-2</u>	_____	_____	_____
L. <u>Other 5 Axle Truck and Trailers - 2-3, 3-2</u>	_____	_____	_____
M. <u>Six or more Axle Combination trucks - 3S3, 4S2, 3-3, 4-2</u>	_____	_____	_____
N. _____	_____	_____	_____
O. _____	_____	_____	_____
P. _____	_____	_____	_____
Q. _____	_____	_____	_____
R. _____	_____	_____	_____
S. _____	_____	_____	_____
T. _____	_____	_____	_____

GRAND TOTAL \_\_\_\_\_

NAME OF PREPARER John Williamson PHONE # (608) 267-2939  
 DATE PREPARED 7-26-90

<p>SHEET 7</p> <p>LTPP TRAFFIC DATA</p> <p>VEHICLE CLASSIFICATION CONVERSION CHART</p>	<p>*STATE ASSIGNED ID [ _____ ]</p> <p>*STATE CODE [ <u>55</u> ]</p> <p>*SHRP SECTION ID [ <u>ALL</u> ]</p>
--	---

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 1973 TO 1982

FHWA CLASSES													
SHA CLASS	1-3	4	5	6	7	8	9	10	11	12	13	OTHER	TOTAL
A	100												100
B	100												100
C	100												100
D	100												100
E	100												100
F		100											100
G		100											100
H	100												100
I	100												100
J			100										100
K				100									100
L					100								100
M						100							100
N						100							100
O							100						100
P								100					100
Q						100							100
R						100							100
S							100						100
T								100					100
TOTAL	700	200	100	100	100	400	200	200	0	0	0	0	2000

NAME OF PREPARER <u>John Williamson</u>	PHONE # <u>(608) 267-2939</u>
DATE PREPARED <u>7-26-90</u>	

<p><b>SHEET 7</b></p> <p><b>LTPP TRAFFIC DATA</b></p> <p><b>VEHICLE CLASSIFICATION</b></p> <p><b>CONVERSION CHART</b></p>	<p>*STATE ASSIGNED ID [ _____ ]</p> <p>*STATE CODE [ <u>55</u> ]</p> <p>*SHRP SECTION ID [ <u>ALL</u> ]</p>
---	---

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 1983 TO 1983

SHA CLASS	FHWA CLASSES												TOTAL
	1-3	4	5	6	7	8	9	10	11	12	13	OTHER	
A	100												100
B	100												100
C	100												100
D		100											100
E	100												100
F			100										100
G*				77	23								100
H						100							100
I						100							100
J							100						100
K								100					100
L							100						100
M								100					100
N													0
O													0
P													0
Q													0
R													0
S													0
T													0
<b>TOTAL</b>	<u>400</u>	<u>100</u>	<u>100</u>	<u>77</u>	<u>23</u>	<u>200</u>	<u>200</u>	<u>100</u>	<u>100</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1300</u>

\* for Rural Interstate 85:15  
 for Rural Principal and Minor Arterials 73:27

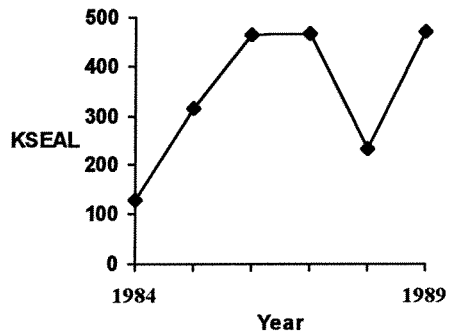
NAME OF PREPARER <u>John Williamson</u>	PHONE # <u>(608) 267-2939</u>
DATE PREPARED <u>7-26-90</u>	

Agency ID:

Agency Name:

SHRP ID:

#### Historical Traffic Data



Site Location

MP or Station

Design KESAL

Level

Number of Lanes

Lanes Monitored

Equipment Location

Permanent System

Installation Date

Manufacturer

Model

Type

Construction Event

Layer Number	Layer Type	Thickness0	Thickness5
1	SS		
2	GB	8	8
3	PC	9.8	9.8