

**SHEET 10
LTPP TRAFFIC DATA**

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

*STATE ASSIGNED ID []
*STATE CODE [19]
*SHRP SECTION ID [3009]

1. ANNUAL TRAFFIC ESTIMATES

*YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT LTPP LANE	*ESTIMATED TOTAL TRUCKS AADT LTPP LANE	*ESTIMATED ESAL=S/YR LTPP LANE (1000'S)
<u>1994</u>	<u>49549</u>	<u>4459</u>	<u>9216</u>	<u>758</u>	<u>407</u>

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

- ☒ Growth factored last year=s estimate. (6)
☐ Estimated based on volume counts at nearby locations. (3)
☐ Used computerized network analyses. (4)
☐ Factored a single count taken this year at the LTPP site. (1)
☐ Average multiple counts taken this year at the LTPP site. (2)
☐ Average and factored multiple count taken this year at the LTPP site. (5)
☐ Used flow maps. (7)
☐ Other: (8) _____

**3. METHOD FOR ESTIMATING TOTAL TRUCK
AADT (TWO-WAY)**

- ☐ Used system averages from counts taken this year. (6)
☐ Used count data from nearby sites. (3)
☐ Used count data from previous years at the LTPP site. (7)
☒ Used system averages from previous years. (8)
☐ Used computerized network analyses. (4)
☐ Used a single count taken this year at the LTPP site. (5)
☐ Factored a single count taken this year at the LTPP site. (1)
☐ Averaged multiple counts taken this year at the LTPP site. (2)
☐ Other: (9) _____

**4. METHOD FOR ESTIMATING TOTAL VEHICLES
LTPP LANE AADT**

- ☐ System distribution factors. (2)
☐ Based on actual lane count data. (1)
☒ Other: (3) G.F.

***5. METHOD FOR ESTIMATING TOTAL TRUCKS,
LTPP LANE, AADT**

- ☐ System distribution factors. (2)
☐ Based on actual lane data count. (1)
☒ Other: (3) G.F.

***6. METHOD FOR ESTIMATING ESAL//YEAR
IN LTPP LANE**

- ☒ ESAL/Truck factor (1)
☐ ESAL/Vehicle class. (2) (No. of classes)
☐ ESAL/Axle(3) Sing. _____ Tand. _____ Tri. _____
☐ Other: (4) _____

7. ESAL ESTIMATES - SOURCE OF DATA

- ☐ Weight data collected at LTPP site prior years. (2)
☐ Weight data from system averages this year. (3)
☒ Weight data from system averages prior years. (4)
☐ Weight data from historic W-4 Tables used. (5)
☐ Other: (6) _____

8. WEIGHT SCALE TYPE

- ☐ WIM scale. (1)
☐ Static scale used for enforcement. (2)
☒ Static scale not used for enforcement. (3)
☐ Other: (4) _____

ENTERED APR 16 2009

NAME OF PREPARER N. Whiteland PHONE# _____
 DATE PREPARED 4/16/09 rev. March 12, 2001

SHEET 12

STATE ASSIGNED ID LIN

TRAFFIC DATA

STATE CODE 19

COLLECTION SITE

SHRP SECTION ID 3009

EFFECTIVE DATE 4/13/94

HIGHWAY RT. NO. IH 380 MILEPOST NO. MP 19

LOCATION MP 19

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER #BINS

TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE PERMANENT X

AVC EQUIPMENT MAKE / MODEL NO. GK 6701

SENSOR TYPE PIEZO CABLE

WEIGHT SCALE TYPE: PORT. WIM PERM. WIM X OTHER

EQUIPMENT MAKE / MODEL NO. GK 6701

SENSOR TYPE PIEZO CABLE

METHOD OF CALIBRATION: SELF-CALIBRATION

FREQUENCY OF CALIBRATION: EVERY 150 TYPE 9

COMMENTS:

NAME OF PREPARER PHIL MERAZ PHONE NO. (515)239-1526

DATE PREPARED 4/15/94

**SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM**

STATE
STATE CODE

IOWA
19

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS. SCHEME
<u>C193009.EL4</u>	<u>3/22/94</u>	<u>12:00</u>	<u>3/24/94</u>	<u>14:00</u>	<u>FHWA</u>
<u>W193009.EL4</u>	<u>3/22/94</u>	<u>12:00</u>	<u>3/24/94</u>	<u>14:00</u>	<u>FHWA</u>
<u>C193009.FP4</u>	<u>4/26/94</u>	<u>12:00</u>	<u>4/28/94</u>	<u>14:00</u>	<u>FHWA</u>
<u>W193009.FP4</u>	<u>4/26/94</u>	<u>12:00</u>	<u>4/28/94</u>	<u>14:00</u>	<u>FHWA</u>
<u>C193028.EJ4</u>	<u>3/20/94</u>	<u>3:00</u>	<u>3/23/94</u>	<u>5:00</u>	<u>FHWA</u>
<u>W193028.EJ4</u>	<u>3/20/94</u>	<u>3:00</u>	<u>3/23/94</u>	<u>5:00</u>	<u>FHWA</u>
<u>C193028.ES4</u>	<u>3/29/94</u>	<u>6:00</u>	<u>4/4/94</u>	<u>1:00</u>	<u>FHWA</u>
<u>W193028.ES4</u>	<u>3/29/94</u>	<u>6:00</u>	<u>4/4/94</u>	<u>1:00</u>	<u>FHWA</u>
<u>C193028.F64</u>	<u>4/6/94</u>	<u>13:00</u>	<u>4/12/94</u>	<u>6:00</u>	<u>FHWA</u>
<u>W193028.F64</u>	<u>4/6/94</u>	<u>13:00</u>	<u>4/12/94</u>	<u>6:00</u>	<u>FHWA</u>
<u>C193028.GI4</u>	<u>5/19/94</u>	<u>12:00</u>	<u>6/13/94</u>	<u>00:00</u>	<u>FHWA</u>
<u>W193028.GI4</u>	<u>5/19/94</u>	<u>12:00</u>	<u>6/13/94</u>	<u>00:00</u>	<u>FHWA</u>
<u>C19SPS7.FD4</u>	<u>4/14/94</u>	<u>15:00</u>	<u>4/18/94</u>	<u>13:00</u>	<u>FHWA</u>
<u>W19SPS7.FD4</u>	<u>4/14/94</u>	<u>15:00</u>	<u>4/18/94</u>	<u>13:00</u>	<u>FHWA</u>
<u>C19SPS7.HJ4</u>	<u>6/20/94</u>	<u>16:00</u>	<u>6/24/94</u>	<u>9:00</u>	<u>FHWA</u>
<u>W19SPS7.HJ4</u>	<u>6/20/94</u>	<u>16:00</u>	<u>6/24/94</u>	<u>9:00</u>	<u>FHWA</u>

NAME OF PREPARER PHILLIP MERAZ PHONE NO (515) 239-1526
DATE PREPARED 10/24/94

**North Central Region of FHWA-LTPP
Traffic Data Collection Equipment Installation And Change Log**

State Code	SHRP Id	Location	Install Date	Brand Name	Model	Serial No. Control Unit	GPS Sensor Type	Software Brand/Version	Loops	Equipment Change	Date of Change
19	1044	30 MI W Waterloo 0.2 MI W ST 187	07/02/91	GK	6701	9106-1136	Vibracoax-wt.	Cordon VISA/AWACS			
19	3006	26 MI NE Quad cities 6.3 MI E US 61	07/16/91	GK	6701	9106-1140	Vibracoax-wt.	Cordon VISA/AWACS			
19	3009	Near Cedar Rapids 0.1 MI S US 151		GK	6701						
19	3028	Near Iowa City 1.8 MI S I-80	07/24/91	GK	6701	9106-1138	Vibracoax-wt.	Cordon VISA/AWACS			
19	3033	Near Iowa City 6.6 MI S I-80	07/23/91	GK	6701	9106-1139	Vibracoax-wt.	Cordon VISA/AWACS			
19	3055	Near Webster City - 4.5 MI W OF I-35	06/04/91	GK	6701	9106-1135	Vibracoax-wt.	Cordon VISA/AWACS			
19	5042	15 MI NE Webster City-2.75 MI S IA riv	06/11/91	GK	6701	9106-1141	Vibracoax-wt.	Cordon VISA/AWACS			
19	5046	18 MI NE Webster City-0.5 MI N IA rive		Same equipment as section 195042							
19	6049	19 MI E OF Iowa City -	07/30/91	GK	6701	9106-1146	Vibracoax-wt.	Cordon VISA/AWACS			
19	6150	9 MI S OF Sac City - 2 MI N OF US 71	06/01/90	GK	6701	9106-1149	Vibracoax-wt.	Cordon VISA/AWACS			
19	9116	2 MI S OF MN/Iowa state line	05/30/91	GK	6701						
19	9126	IN Quad Cities - 1.6 MI E OF I-74	08/03/91	GK	6702	9106-1137	Vibracoax-wt.	Cordon VISA/AWACS			
19	SPS6	12 MI S Ames	06/01/90	GK	6701	9106-1130	Vibracoax-wt.	Cordon VISA/AWACS			