

**SHEET 10  
LTPP TRAFFIC DATA**

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

\*STATE ASSIGNED ID [ \_ \_ \_ ]  
 \*STATE CODE [ 27 ]  
 \*SHRP SECTION ID [ 4050 ]

**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>1997</u>	<u>2703</u>	<u>304</u>	<u>1211</u>	<u>138</u>	<u>35</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 count data. (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 17 2000**

NAME OF PREPARER N. Whiteford  
 DATE PREPARED 4/17/00

PHONE# \_\_\_\_\_

rev. March 12, 2001



Sheet 12  
Traffic Data  
Collection Site

State Assigned ID: 4022  
State Code: 27  
SHRP Section ID: 4050

Highway Rt No: US 2      Milepost No: 45.82

Location: Marcoux, MN

Vehicle Classification Method: FHWA

Type of Classification Equipment: NA

AVC Equipment Make/Model No.: NA

Sensor Type: NA

Weight Scale Type: Permanent WIM

Equipment Make/Model No.: IRD 1060

Sensor Type: Bending Plate

Method of Calibration: Initial calibration with a loaded 5 axle semi & subsequent calibrations done automatically.

Frequency of Calibration: Dependent on need. Can be as often as every week.

Comments: Time period 5/01/97 - 12/31/97.  
(Missing: 9/28-31/97; 10/01-04/97; 12/15-20/97 )

NAME OF PREPARER: Jim Muske      PHONE NO.: 651-296-1665  
DATE PREPARED: November 18, 1998

Sheet 13  
Traffic Data Files  
Transmittal Form

State: Minnesota  
State Code: 27

FILE NAME	START DATE	START TIME	END DATE	END TIME	CLASS SCHEME
C271029.C16 W271029.C16	(Site was shut down permanently on 3/22/96).				
C279075.G16 W279075.G16	(Site not operating after 6/6/96. Was shut down permanently.)				
C271019.C17 W271019.C17	1/1/97 1/1/97	00:00 00:00	4/30/97 4/30/97	24:00 24:00	Minn2 Minn2
(Data Missing: 4/6/97)					
C273003.C17 W273003.C17	1/3/97 1/3/97	00:00 00:00	4/26/97 4/26/97	24:00 24:00	Minn2 Minn2
(Data Missing: 1/1-2, 1/6-8, 1/17-18, 4/6, and 4/27-30/97)					
C276901.C17 W276901.C17	1/1/97 1/1/97	00:00 00:00	4/30/97 4/30/97	24:00 24:00	Minn2 Minn2
(Data Missing: 1/17-18 and 4/6/97)					
C271085.C17 W271085.C17	1/1/97 1/1/97	00:00 00:00	4/30/97 4/30/97	24:00 24:00	Minn2 Minn2
(Data Missing: 1/17-18 and 4/6/97)					
C274055.C17 W274055.C17	1/1/97 1/1/97	00:00 00:00	4/30/97 4/30/97	24:00 24:00	Minn2 Minn2
(Data Missing: 1/16-18/97)					
C273013.C17 W273013.C17	1/1/97 1/1/97	00:00 00:00	4/30/97 4/30/97	24:00 24:00	Minn2 Minn2
(Data Missing: 1/17-18 and 4/6/97)					
C274033.C17 W274033.C17	1/1/97 1/1/97	00:00 00:00	4/30/97 4/30/97	24:00 24:00	Minn2 Minn2
(Data Missing: 4/6-7/97)					
C274037.C17 W274037.C17	1/1/97 1/1/97	00:00 00:00	4/30/97 4/30/97	24:00 24:00	Minn2 Minn2
(Classification Data Missing: 4/6-7/97. Weight Data Missing: 3/1/97 - 4/23/97)					
C274050.C17 W274050.C17	1/1/97 1/1/97	00:00 00:00	4/30/97 4/30/97	24:00 24:00	Minn2 Minn2
(Data Missing: 1/17-18 and 4/6/97)					

C274050.C17	5/1/97	00:00	12/31/97	24:00	Minn2
W274050.C17	5/1/97	00:00	12/31/97	24:00	Minn2
(Data Missing:9/28-31/97; 10/01-04/97; 12/15-20/97 )					
C271016.C17	5/1/97	00:00	12/31/97	24:00	Minn2
W271016.C17	5/1/97	00:00	12/31/97	24:00	Minn2
(Data Missing:10/1-4/97; 12/15-20/97)					
C274040.C17	5/1/97	00:00	12/31/97	24:00	Minn2
W274040.C17	5/1/97	00:00	12/31/97	24:00	Minn2
(Data Missing:9/28-30/97; 10/1-4/97; 12/15-20/97)					
C271087.C17	5/1/97	00:00	12/31/97	24:00	Minn2
W271087.C17	5/1/97	00:00	12/31/97	24:00	Minn2
(Data Missing:5/22/97; 10/1-4,28/97; 12/11-20/97)					
C274054.C17	5/1/97	00:00	12/31/97	24:00	Minn2
W274054.C17	5/1/97	00:00	12/31/97	24:00	Minn2
(Data Missing:9/28-30/97; 10/1-4/97; 11/18/97; 12/15-20/97)					
C276250.C17	5/1/97	00:00	12/31/97	24:00	Minn2
W276250.C17	5/1/97	00:00	12/31/97	24:00	Minn2
(Data Missing: 5/6,10-28/97; 6/10,28,29/97; 7/18,19,22,24-28,31/97; 8/1-31/97; 9/1-8,12-30/97; 10/1-8,10-31/97; 11/1-30/97; 12/1-22,24-31/97)					
C271028.C17	5/1/97	00:00	12/31/97	24:00	Minn2
W271028.C17	5/1/97	00:00	12/31/97	24:00	Minn2
(Data Missing:10/1-4/97; 12/15-20/97)					
C270701.C17	5/1/97	00:00	12/31/97	24:00	Minn2
W270701.C17	5/1/97	00:00	12/31/97	24:00	Minn2
(Data Missing:8/15-31/97; 9/1-20,22-30/97; 10/1-30/97; 11/1-30/97; 12/1-27,30,31/97)					
C271018.C17	5/1/97	00:00	12/31/97	24:00	Minn2
W271018.C17	5/1/97	00:00	12/31/97	24:00	Minn2
(Data Missing: 9/28-30/97; 10/1-4/97; 12/15-20/97)					
C275076.C17	5/1/97	00:00	12/31/97	24:00	Minn2
W275076.C17	5/1/97	00:00	12/31/97	24:00	Minn2
(Data Missing: 5/15/97; 7/19,23/97; 8/1,6,29/97; 10/1-4/97; 12/14-20/97)					
C277090.C17	5/1/97	00:00	12/31/97	24:00	Minn2
W277090.C17	5/1/97	00:00	12/31/97	24:00	Minn2
(Data Missing:7/26-31/97; 8/1-12/97; 9/28-30/97; 10/1-4/97; 12/15-20/97)					

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NAME OF PREPARER: Jim Muske      PHONE NO.: 651-296-1665  
DATE PREPARED: November 18, 1998

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LOCATION Marcoux, Mn TYPE EQUIP. BP  
MP # 45.82 MODEL # IRD

[illegible]

SHEET 14  
LTPP TRAFFIC DATA  
  
LOG OF CHANGES AT GPS TEST  
LOCATIONS WITH PERM. AVC OR WIM

\* STATE ASSIGNED ID [4022]  
\* STATE CODE [27]  
\* SHRP SECTION ID [4050]

LOCATION MARCOUX, MN

TYPE EQUIP. BP

MP # 45.82

MODEL # IRD

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
10/02/97		Installed 2 BP cell # 3,4	Mark Novak	(651) 296-2607	
10/20/97		Adjusted Calib Params - Reset AutoCalib .976			
11/03/97		DYNAX sensor turned off - Reset Autocal.			
12/02/97		Adjusted Calib. Params - Reset Autocal.			
12/29/97		" "			