

<b>SHEET 10</b> <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUME AND LOAD</b> <b>ESTIMATE UPDATE-NO SITE COUNT</b>	*STATE ASSIGNED ID <u>[1006]</u>  *STATE CODE <u>[27]</u>  *SHRP SECTION ID <u>[1019]</u>
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**I. ANNUAL TRAFFIC ESTIMATES**

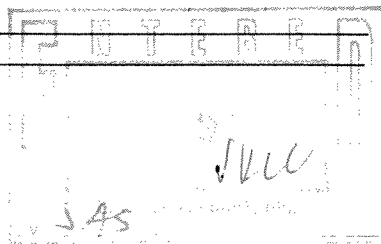
*YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT LTPP LANE	*ESTIMATED TOTAL TRUCKS AADT LTPP LANE	*ESTIMATED ESAL'S/YR LTPP LANE (1000'S)
<u>1998</u>	<u>13,800</u>	<u>450</u>	<u>6210</u>	<u>200</u>	<u>50</u>

**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)
- ☐ Averaged multiple counts taken this year at the LTPP site. (2)
- ☐ Averaged 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) \_\_\_\_\_

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

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

**\*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) \_\_\_\_\_

NAME OF PREPARER <u>Curtis Dohlin</u> DATE PREPARED <u>3-20-02</u>	PHONE # <u>(651) 296-6846</u> <div style="text-align: right;">rev. March 12, 2001</div>
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Sheet 12  
Traffic Data  
Collection Site

State Assigned ID: 1006  
State Code: 27  
SHRP Section ID: 1019

**Highway Rt No:** US Hwy 169

**Milepost No:** 179.5

**Location:** Princeton, Minnesota

**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 covered 1/01/98 to 12/31/98 ( whole year).  
( Missing: 4/05/98 )

NAME OF PREPARER: Jim Muske    PHONE NO.: 651-296-1665  
DATE PREPARED: April 21, 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 W271029	(Site was shut down permanently on 3/22/96).				
C279075 W279075	(Site not operating after 6/6/96. Was shut down permanently.)				
C271019 all*	1/1/98	00:00	12/31/98	24:00	Minn2
W271019 all*	1/1/98	00:00	12/31/98	24:00	Minn2
	(Data Missing: 4/05/98)				
C273003 all*	1/1/98	00:00	12/31/98	24:00	Minn2
W273003 all*	1/1/98	00:00	12/31/98	24:00	Minn2
	(Data Missing: 2/14-27/98; 4/03,23,24/98; 5/07/98; 5/11/98 to 7/21/98; 8/2,3,5,6,8,11,17,21/98; 8/23-31/98; 9/01-10/98; 10/21/98)				
C276901 all*	1/1/98	00:00	12/31/98	24:00	Minn2
W276901 all*	1/1/98	00:00	12/31/98	24:00	Minn2
	(Data Missing: 1/7-12,20-24,27-29,31/98; 4/05/98)				
C271085 all*	1/1/98	00:00	12/31/98	24:00	Minn2
W271085 all*	1/1/98	00:00	12/31/98	24:00	Minn2
	(Data Missing: 4/05/98)				
C274055 all*	1/1/98	00:00	12/31/98	24:00	Minn2
W274055 all*	1/1/98	00:00	8/31/98	24:00	Minn2
	(No Weight data from September to December 1998) (Data Missing: 4/05/98)				
C273013 all*	1/1/98	00:00	12/31/98	24:00	Minn2
W273013 all*	1/1/98	00:00	8/31/98	24:00	Minn2
	(No Weight data from September to December) (Data Missing: 1/13/98; 1/22/98 to 2/14/98; 4/05/98; 5/04/98; 9/19/98)				

\*all = 3 files w/ beginning date codes c18, g18 & k18.

<p>SHEET 14</p> <p>LTPP TRAFFIC DATA</p> <p>LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM</p>	<p>* STATE ASSIGNED ID    [ 1 0 0 6 ]</p> <p>* STATE CODE                    [ 2 7 ]</p> <p>* SHRP SECTION ID            [ 1 0 1 9 ]</p>
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\* SHRP SECTION ID [ 1 0 1 9 ]

MODEL # \_\_\_\_\_ IRD \_\_\_\_\_

[illegible]