

<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 <span style="float: right;">[7032]</span>  *STATE CODE <span style="float: right;">[27]</span>  *SHRP SECTION ID <span style="float: right;">[7090]</span>
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### 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)
1998	13,000	<del>1550</del> 2200	5850	<del>700</del> 990	<del>205</del> 295

### 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

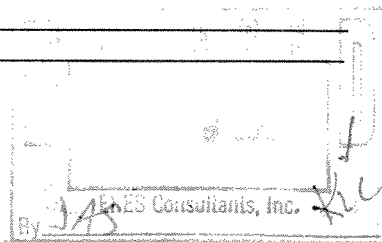
- ☒ ESAL/Truck factor (1)  
☐ ESAL/Vehicle class. (2) (No. of classes) \_\_\_\_\_  
☐ ESAL/Axle(3) Sing. \_\_\_\_\_ Tand. \_\_\_\_\_ Tri. \_\_\_\_\_  
☐ Other: (4) \_\_\_\_\_

### 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 Curly Dohlin  
 DATE PREPARED 3-20-02

PHONE # (651) 296-6846

rev. March 12, 2001

Sheet 12  
Traffic Data  
Collection Site

State Assigned ID: 7032  
State Code: 27  
SHRP Section ID: 7090

**Highway Rt No:** US 169

**Milepost No:** 86.40

**Location:** Belle Plaine, 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 covered 1/01/98 to 12/31/98 ( whole year).  
(Missing: 1/25/98; 2/01-22/98; 4/05/98; 5/11-26/98;  
6/28-30/98; 7/01-06/98; 9/19/98 to 10/07/98)

**NAME OF PREPARER:** Jim Muske  
**DATE PREPARED:** April 21, 1999

**PHONE NO.:** 651-296-1665

C275076 all\* 1/1/98 00:00 12/31/98 24:00 Minn2  
W275076 all\* 1/1/98 00:00 4/30/98 24:00 Minn2  
No weight data from May to December 1998  
(Data Missing: 4/05,09/98; 10/06/98 to 12/31/98)

C277090 all\* 1/1/98 00:00 12/31/98 24:00 Minn2  
W277090 all\* 1/1/98 00:00 12/31/98 24:00 Minn2  
(Data Missing: 1/25/98; 2/1-22/98; 4/05/98  
5/11-26/98; 6/28-30/98; 7/01-06/98;  
9/19/98 to 10/07/98)

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

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NAME OF PREPARER: Jim Muske      PHONE NO.: 651-296-1665  
DATE PREPARED: April 22,1999

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<p style="text-align: center;">SHEET 14</p> <p style="text-align: center;">LTPP TRAFFIC DATA</p> <p style="text-align: center;">LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM</p>	* STATE ASSIGNED ID    [ 7 0 3 2 ]
	* STATE CODE                [ 2 7 ]
	* SHRP SECTION ID        [ 7 0 9 0 ]

\* STATE CODE [ 27 ]

\* SHRP SECTION ID [ 7090 ]

LOCATION (#24) Belle Plaine, MN

TYPE EQUIP \_\_\_\_\_ BENDING PLATE \_\_\_\_\_

MP # 86.40

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

[illegible]

## LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM

\* SHRP SECTION ID [ 7090 ]

MODEL #	IRD
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[illegible]