

**SHEET 10  
LTPP TRAFFIC DATA**

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

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]  
 \*STATE CODE [ 46 ]  
 \*SHRP SECTION ID [ 0600 ]

**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>5425</u>	<u>739</u>	<u>2542</u>	<u>333</u>	<u>20</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 JUL 16 2009

NAME OF PREPARER N. Whiteford PHONE# \_\_\_\_\_  
 DATE PREPARED 7/16/09

rev. March 12, 2001

SHEET 13  
TRAFFIC DATA FILES  
TRANSMITTAL FORM

STATE South Dakota  
STATE CODE 46

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS. SCHEME
C460601.G27	5/2/97	00:00	5/30/97	23:59	FHWA
W460601.G27	5/2/97	00:00	5/30/97	23:59	FHWA
C460601.H17	6/1/97	00:00	6/14/97	23:59	FHWA
W460601.H17	6/1/97	00:00	6/14/97	23:59	FHWA
C460601.I17	7/1/97	00:00	7/27/97	23:59	FHWA
W460601.I17	7/1/97	00:00	7/27/97	23:59	FHWA
C460601.J17	8/1/97	00:00	8/17/97	23:59	FHWA
W460601.J17	8/1/97	00:00	8/17/97	23:59	FHWA
C460601.K17	9/1/97	00:00	9/14/97	23:59	FHWA
W460601.K17	9/1/97	00:00	9/14/97	23:59	FHWA
C460601.L17	10/1/97	00:00	10/14/97	23:59	FHWA
W460601.L17	10/1/97	00:00	10/14/97	23:59	FHWA
C460601.M17	11/1/97	00:00	11/14/97	23:59	FHWA
W460601.M17	11/1/97	00:00	11/14/97	23:59	FHWA
C460601.N17	12/1/97	00:00	12/14/97	23:59	FHWA
W460601.N17	12/1/97	00:00	12/14/97	23:59	FHWA

PREPARED BY: Rocky W. Hook  
DATE PREPARED: 1/26/98

PHONE #: (605) 773-3336