

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	*STATE ASSIGNED ID [_ _ _ _] *STATE CODE [_ 20 _] *SHRP SECTION ID [_ 1005 _]
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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)
1991	4733	326	1893	131	33

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) __ Growth Factor _____

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

- ☐ System distribution factors. (2)
☐ Based on actual lane data count. (1)
☒ Other: (3) __ Growth Factor _____

***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>Nancy Whiteford</u>	PHONE# _____	
DATE PREPARED <u>June 2009</u>	rev. March 12, 2001	

SHEET 10
LTPP TRAFFIC DATA

TRAFFIC VOLUME AND LOAD
ESTIMATE UPDATE-NO SITE COUNT

*STATE ASSIGNED ID

[_ _ _]

*STATE CODE

20

*SHRP SECTION ID

1005

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)
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See Attached Table

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

DATE PREPARED

N. Whiteford
7/16/09

PHONE#

rev. March 12, 2001

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [1401] *STATE CODE [20] *SHRP SECTION ID [1005]
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HIGHWAY RT. NO. (THIS SESSION) US-506 MILEPOST NO. (THIS SESSION) 5.31 ^{27.7}

LOCATION (THIS COUNT) 800 ft E of test site

FILENAME C201005.L51 DISK/TAPE ID _____

BEGINNING DATE 10-29-91 BEGINNING TIME 12:00

ENDING DATE 12-18-91 ENDING TIME 12:00

COUNT DURATION 1.5 [] HOURS [] DAYS [☒] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA ☒ OTHER* _____ #BINS _____

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE SHA WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT ☒

EQUIPMENT MAKE/MODEL # GK 6701

SENSOR TYPE Piezo-electric cable

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION.

GENERAL FACTORS _____

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OR CLASS GROUPS) _____

COMMENTS TO TEXT Unclassified vehicles are in columns 54-55

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Bill Hughes</u>	PHONE # <u>913 296-6863</u>
DATE PREPARED _____	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM <i>KS-68</i>	*STATE ASSIGNED ID [1401] *STATE CODE [20] *SHRP SECTION ID [1005]
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HIGHWAY RT. NO. (THIS SESSION) US-50 MILEPOST NO. (THIS SESSION) 5.31

LOCATION (THIS COUNT) 800 ft E of test site

FILENAME C201005.NH1 DISK/TAPE ID _____

BEGINNING DATE 12/18/91 BEGINNING TIME 11:00

ENDING DATE 1/2/92 ENDING TIME 9:00

COUNT DURATION 19 [] HOURS [☒] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA ☒ OTHER* _____ #BINS _____

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE SHA WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT ☒

EQUIPMENT MAKE/MODEL # GK 6701

SENSOR TYPE Piezo-electric cable

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION.

GENERAL FACTORS _____

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OR CLASS GROUPS) _____

COMMENTS TO TEXT Unclassified vehicles are in columns 54-55

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Bill Hughes</u>	PHONE # <u>913 296-6863</u>
DATE PREPARED _____	

**SHEET 14
LTPP TRAFFIC DATA**

EQUIPMENT INSTALLATION LOG

STATE ASSIGNED ID []

STATE CODE [20]

SHRP SECTION ID [1005]

LOCATION 1005 - US506 Ottawa DATE OF INSTALLATION 10-15-91

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	GK 6701 - Piezo		9010-1105
Interface			
Modem			
Loop Amplifiers			
Other _____			
Sensor(s) / Platform(s)			
GPS Lane Sensor	Piezo-electric	GK	
Sensor Next Adjacent Lane (1)			
Sensor Next Adjacent Lane (2)			
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor	"	"	
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package			
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1	Wire		
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			

**SHEET 14
LTPP TRAFFIC DATA**

EQUIPMENT INSTALLATION LOG

STATE ASSIGNED ID []

STATE CODE [20]

SHRP SECTION ID [1005]

SCANNED

JUN 11 2008

BY *DB*

LOCATION 1005 - US506 Ottawa DATE OF INSTALLATION 10-15-91

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	<i>GK 6701 - Piezo</i>		
Interface			<i>9010-1105</i>
Modem			
Loop Amplifiers			
Other			
Sensor(s) / Platform(s)			
GPS Lane Sensor	<i>Piezo-electric</i>	<i>GK</i>	
Sensor Next Adjacent Lane (1)			
Sensor Next Adjacent Lane (2)			
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor	<i>"</i>	<i>"</i>	
Right Platform			
Left Platform			
Other			
Software			
Complete Package			
Axle Spacing Algorithm Only			
Other			
Loops			
Upstream - Lane 1	<i>Wire</i>		
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			

SHEET 10
LTPP TRAFFIC DATA

State Code	SHRP ID	Year	Estimated Total Vehicles AADT (two-way)	Estimated Total TRUCK AADT (two-way)	Estimated Total Vehicles AADT LTPP LANE	Estimated Total TRUCK AADT LTPP LANE	Estimated ESAL's/YR LTPP LANE (X's 1000)
20	1005	1991	4733	326	1893	131	33
20	1005	1995	4925	340	1970	136	36
20	1005	1996	4975	343	1990	137	36
20	1005	1997	5024	347	2010	139	36
20	1005	1998	5075	350	2030	140	37
20	1005	1999	5125	353	2050	141	37
20	1005	2000	5177	357	2071	143	37
20	1005	2001	5228	361	2091	144	38
20	1005	2002	5281	364	2112	146	38
20	1005	2003	5334	368	2133	147	38
20	1005	2004	5387	372	2155	149	39
20	1005	2005	5441	375	2176	150	39
20	1005	2006	5495	379	2198	152	40
20	1005	2007	5550	383	2220	153	40
20	1005	2008	5606	387	2242	155	40