

File: 800.12.7.8012

SHE 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE - NO SITE COUNT	STATE ASSIGNED ID [_ _ _ _] STATE CODE [30] SHRP SECTION ID [7075]
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Billings

1. ANNUAL TRAFFIC ESTIMATES

YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT GPS LANE	ESTIMATED TOTAL TRUCKS AADT GPS LANE	ESTIMATED ESAL'S / YR GPS LANE (1000's)
<u>1998</u>	<u>18880</u>	<u>2511</u>	<u>9440</u>	<u>1256</u>	<u>372.1</u> 572

 2/1/01 MDTA
 INSTRUCTED BY
 DAN BISHOP
2. METHOD FOR ESTIMATING TOTAL VEHICLE
AADT (TWO-WAY)

- ☐ Growth factored last year's estimate.
☐ Estimated based on volume counts at nearby locations.
☐ Used computerized network analysis.
☒ Other used ATR class data & Oracle data base reports

5. METHOD FOR ESTIMATING TOTAL
TRUCKS, GPS LANE, AADT

- ☐ System distribution factors.
☒ Other _____

3. METHOD FOR ESTIMATING TOTAL TRUCK
AADT (TWO-WAY)

- ☐ Used system average from counts taken this year.
☐ Used count data from nearby sites.
☐ Used count data from previous years at GPS site.
☐ Used system averages from previous year counts.
☐ Used computerized network analysis.
☒ Other _____

6. METHOD FOR ESTIMATING ESAL/YEAR
IN GPS LANE

- ☐ ESAL/Truck factor.
☒ ESAL/vehicle class factors -
 Number of classes 3
☐ Other (572.5 x .65 = 372.1)
65% because of the high volumes of traffic in this area
(lane factor of 65% used)

4. METHOD FOR ESTIMATING TOTAL VEHICLES
GPS LANE AADT

- ☐ System distribution factors.
☒ Other _____

7. ESAL ESTIMATES - SOURCE OF DATA

- ☐ Prior years data collected at GPS site.
☒ Current year system average.
☐ Prior year system average.
☐ Historical W-4 tables.
☐ Other _____

8. WEIGHT SCALE TYPE

- ☐ WIM Scale.
☒ Static scale used for enforcement.
☐ Static scale not used for enforcement.
☐ Other _____

ENTERED

MAR 06 2001

By JDP

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

**SHEET 12
LTPP TRAFFIC DATA
CLASSIFICATION DATA
TRANSMITTAL FORM**

*STATE ASSIGNED ID [8908]

*STATE CODE [30]

*SHRP SECTION ID ⁷
[2075]

HIGHWAY RT: (THIS SESSION) I-90 MILEPOST:(THIS SESSION) 447.8

LOCATION: (THIS COUNT) ON I-90 AT BILLINGS

FILENAME: 59090447.APR DISK/TAPE ID: #1

BEGINNING DATE: APRIL 1, 1998 BEGINNING TIME: 00:00

ENDING DATE: APRIL 30, 1998 ENDING TIME: 23:00

COUNT DURATION: 30 [] HOURS [XX] 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 SHRP would convert its classification scheme to the FHWA 13 Class System.

TYPE OF AVC EQUIPMENT: PORTABLE: PERMANENT XX

EQUIPMENT MAKE/MODEL #: DIAMOND\TT2001

SENSOR TYPE: LOOPS & PIEZOS

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

CLASS SPECIFIC FACTOR: (PROVIDE BY CLASS OR CLASS GROUPS)

COMMENTS TO TEXT: THE PIEZO AT THIS SITE IS STILL OUT BUT COUNT SEEMS TO BE DOING WELL IN EAST BOUND LANE. WEST BOUND LANE LOOPS ARE ALL CRAZY. THEY WILL BE MILLED OUT THIS SUMMER AND THERE ARE PLANS TO REPLACE THEM THIS IN THE FUTURE. WE ALSO JUST FINISHED PUTTING THE NEW FIRMWARE IN FOR ALL THESE SITES.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED:

NAME OF PREPARER VERNA L. STARZ PHONE # (406) 444-7217

DATE PREPARED September 17, 1998

**SHEET 12
LTPP TRAFFIC DATA
CLASSIFICATION DATA
TRANSMITTAL FORM**

*STATE ASSIGNED ID [8908]

*STATE CODE [30]

*SHRP SECTION ID 7
[2075]

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NAME OF PREPARER Verna L. Starz PHONE # (406) 444-7217

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SHEET 12
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TRANSMITTAL FORM

*STATE ASSIGNED ID [8908]

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[2075]

HIGHWAY RT: (THIS SESSION) I-90 MILEPOST:(THIS SESSION) 447.8

LOCATION: (THIS COUNT) ON I-90 AT BILLINGS

FILENAME: 59090447.MAR DISK/TAPE ID: #1

BEGINNING DATE: MARCH 1, 1998 BEGINNING TIME: 00:00

ENDING DATE: MARCH 31, 1998 ENDING TIME: 23:00

COUNT DURATION: 31 [] HOURS [XX] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA OTHER # BINS

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EQUIPMENT MAKE/MODEL #: DIAMOND\TT2001

SENSOR TYPE: LOOPS & PIEZOS

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CLASS SPECIFIC FACTOR: (PROVIDE BY CLASS OR CLASS GROUPS)

COMMENTS TO TEXT:THE PIEZO AT THIS SITE IS STILL OUT BUT COUNT SEEMS TO BE DOING WELL. WE ALSO JUST FINISHED PUTTING THE NEW FIRMWARE IN FOR ALL THESE SITES.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED:

NAME OF PREPARER Verna L. Starz PHONE # (406) 444-7217

DATE PREPARED September 17, 1998

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [8908]
	*STATE CODE [30]
	*SHRP SECTION ID [2075] 7075

HIGHWAY RT: (THIS SESSION) I-90 MILEPOST: (THIS SESSION) 447.8 **RG**

LOCATION: (THIS COUNT) ON I-90 AT BILLINGS

FILENAME: 59090447.FEB DISK/TAPE ID: #1

BEGINNING DATE: FEBRUARY 1, 1998 BEGINNING TIME: 00:00

ENDING DATE: FEBRUARY 28, 1998 ENDING TIME: 23:00

COUNT DURATION: 28 [] HOURS [XX] 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 SHRP would convert its classification scheme to the FHWA 13 Class System.

TYPE OF AVC EQUIPMENT: PORTABLE: PERMANENT XX

EQUIPMENT MAKE/MODEL #: DIAMOND\TT2001

SENSOR TYPE: LOOPS & PIEZOS

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

CLASS SPECIFIC FACTOR: (PROVIDE BY CLASS OR CLASS GROUPS)

COMMENTS TO TEXT: THIS COUNTER HAS BEEN WORKING THIS MONTH SINCE THE 15TH OF FEBRUARY. PIEZOS STILL OUT AT THIS SITE.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED:

NAME OF PREPARER <u>VERNA L. STARZ</u>	PHONE # <u>(406) 444-7217</u>
DATE PREPARED <u>March 30, 1998</u>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [8908]
	*STATE CODE [30]
	*SHRP SECTION ID [2075]

7975
RG
Verify from
the locati
map

HIGHWAY RT: (THIS SESSION) I-90 MILEPOST: (THIS SESSION) 447.8

LOCATION: (THIS COUNT) ON I-90 AT BILLINGS

FILENAME: 59090447.JAN DISK/TAPE ID: #1

BEGINNING DATE: JANUARY 1, 1998 BEGINNING TIME: 00:00

ENDING DATE: JANUARY 31, 1998 ENDING TIME: 23:00

COUNT DURATION: 31 [] HOURS [XX] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FWHA 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 SHRP would convert its classification scheme to the FHWA 13 Class System.

TYPE OF AVC EQUIPMENT: PORTABLE: PERMANENT XX

EQUIPMENT MAKE/MODEL #: DIAMOND\TT2001

SENSOR TYPE: LOOPS & PIEZOS

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

CLASS SPECIFIC FACTOR: (PROVIDE BY CLASS OR CLASS GROUPS)

COMMENTS TO TEXT: THIS COUNTER NOT HAS BEEN WORKING THIS MONTH. MACHINE FAILURE. PIEZOS STILL OUT AT THIS SITE.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED:

NAME OF PREPARER <u>VERNA L. STARZ</u>	PHONE # <u>(406) 444-7217</u>
DATE PREPARED <u>March 30, 1998</u>	

SHEET 12
LTPP TRAFFIC DATA
CLASSIFICATION DATA
TRANSMITTAL FORM

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*STATE CODE [30]

*SHRP SECTION ID ⁷[2075]

HIGHWAY RT: (THIS SESSION) I-90 MILEPOST:(THIS SESSION) 447.8

LOCATION: (THIS COUNT) ON I-90 AT BILLINGS

FILENAME: 59090447.JUN DISK/TAPE ID:

BEGINNING DATE: JUNE 1, 1998 BEGINNING TIME: 00:00

ENDING DATE: JUNE 30, 1998 ENDING TIME: 23:00

COUNT DURATION: 30 [] HOURS [XX] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA OTHER # BINS

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TYPE OF AVC EQUIPMENT: PORTABLE: PERMANENT XX

EQUIPMENT MAKE/MODEL #: DIAMOND\TT2001

SENSOR TYPE: LOOPS & PIEZOS

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

CLASS SPECIFIC FACTOR: (PROVIDE BY CLASS OR CLASS GROUPS)

COMMENTS TO TEXT: THE COUNT ON THIS STATION IS DOING PRETTY GOOD BUT THE PIEZOS ARE STILL OUT AT THIS SITE IN THE WEST BOUND LANE.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED:

NAME OF PREPARER VERNA L. STARZ PHONE # (406) 444-7217

DATE PREPARED September 17, 1998

SHEET 12
LTPP TRAFFIC DATA
CLASSIFICATION DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID [8908]

*STATE CODE [30]

*SHRP SECTION ID [7075]

HIGHWAY RT: (THIS SESSION) I-90 MILEPOST:(THIS SESSION) 447.8

LOCATION: (THIS COUNT) ON I-90 AT BILLINGS

FILENAME: 59090447.JUL

BEGINNING DATE: JULY 1, 1998 BEGINNING TIME: 00:00

ENDING DATE: JULY 31, 1998 ENDING TIME: 23:00

COUNT DURATION: 31 [] HOURS [XX] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA OTHER # BINS

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EQUIPMENT MAKE/MODEL #: DIAMOND\TT2001

SENSOR TYPE: LOOPS & PIEZOS

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COMMENTS TO TEXT: THE COUNT ON THIS STATION IS DOING PRETTY GOOD BUT THE PIEZOS ARE STILL OUT AT THIS SITE IN THE WEST BOUND LANE.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED:

NAME OF PREPARER Verna L. Starz PHONE # (406) 444-7217

DATE PREPARED August 12, 1999

SHEET 12
LTPP TRAFFIC DATA
CLASSIFICATION DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID [8908]

*STATE CODE [30]

*SHRP SECTION ID [2075]

HIGHWAY RT: (THIS SESSION) I-90 MILEPOST:(THIS SESSION) 447.8

LOCATION: (THIS COUNT) ON I-90 AT BILLINGS

FILENAME: 59090447.JUL DISK/TAPE ID:

BEGINNING DATE: JULY 1, 1998 BEGINNING TIME: 00:00

ENDING DATE: JULY 31, 1998 ENDING TIME: 23:00

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TRANSMITTAL FORM

*STATE ASSIGNED ID [8908]

*STATE CODE [30]

*SHRP SECTION ID [7075]

HIGHWAY RT: (THIS SESSION) I-90 MILEPOST: (THIS SESSION) 447.8

LOCATION: (THIS COUNT) ON I-90 AT BILLINGS

FILENAME: 59090447.AUG

BEGINNING DATE: AUGUST 1, 1998 BEGINNING TIME: 00:00

ENDING DATE: AUGUST 31, 1998 ENDING TIME: 23:00

COUNT DURATION: 31 [] HOURS [XX] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA OTHER # BINS

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EQUIPMENT MAKE/MODEL #: DIAMOND\TT2001

SENSOR TYPE: LOOPS & PIEZOS

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GENERAL FACTORS:

CLASS SPECIFIC FACTOR: (PROVIDE BY CLASS OR CLASS GROUPS)

COMMENTS TO TEXT: THE COUNT ON THIS STATION IS DOING PRETTY GOOD BUT THE PIEZOS ARE STILL OUT AT THIS SITE IN THE WEST BOUND LANE.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED:

NAME OF PREPARER Verna L. Starz PHONE # (406) 444-7217

DATE PREPARED September 14, 1998

SHEET 12
LTPP TRAFFIC DATA
CLASSIFICATION DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID [8908]

*STATE CODE [30]

*SHRP SECTION ID ⁷/_[2075]

HIGHWAY RT: (THIS SESSION) I-90 MILEPOST:(THIS SESSION) 447.8

LOCATION: (THIS COUNT) ON I-90 AT BILLINGS

FILENAME: 59090447.AUG DISK/TAPE ID:

BEGINNING DATE: AUGUST 1, 1998 BEGINNING TIME: 00:00

ENDING DATE: AUGUST 31, 1998 ENDING TIME: 23:00

COUNT DURATION: 31 [] HOURS [XX] DAYS [] MONTHS

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	*STATE CODE [30]
	*SHRP SECTION ID [7075]

HIGHWAY RT: (THIS SESSION) I-90 MILEPOST:(THIS SESSION) 447.8

LOCATION: (THIS COUNT) ON I-90 AT BILLINGS

FILENAME: 59090447.SEP

BEGINNING DATE: SEPTEMBER 1, 1998 BEGINNING TIME: 00:00

ENDING DATE: SEPTEMBER 30, 1998 ENDING TIME: 23:00

COUNT DURATION: 30 [] HOURS [XX] DAYS [] MONTHS

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FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED:

NAME OF PREPARER <u>VERNA L. STARZ</u>	PHONE # <u>(406) 444-7217</u>
DATE PREPARED <u>August 12, 1999</u>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [8908]
	*STATE CODE [30]
	*SHRP SECTION ID [7075]

HIGHWAY RT: (THIS SESSION) I-90 MILEPOST:(THIS SESSION) 447.8

LOCATION: (THIS COUNT) ON I-90 AT BILLINGS

FILENAME: 59090447.OCT

BEGINNING DATE: OCTOBER 1, 1998 BEGINNING TIME: 00:00

ENDING DATE: OCTOBER 31, 1998 ENDING TIME: 23:00

COUNT DURATION: 31 [] HOURS [XX] DAYS [] MONTHS

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CLASSIFICATION DATA
TRANSMITTAL FORM**

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*STATE CODE [30]

*SHRP SECTION ID [7075]

HIGHWAY RT: (THIS SESSION) I-90 MILEPOST: (THIS SESSION) 447.8

LOCATION: (THIS COUNT) ON I-90 AT BILLINGS

FILENAME: 59090447.NOV

BEGINNING DATE: NOVEMBER 1, 1998 BEGINNING TIME: 00:00

ENDING DATE: NOVEMBER 30, 1998 ENDING TIME: 23:00

COUNT DURATION: 30 [] HOURS [XX] DAYS [] MONTHS

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DATE PREPARED August 12, 1999

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	*STATE CODE [30]
	*SHRP SECTION ID ⁷ [2075]

HIGHWAY RT: (THIS SESSION) I-90 MILEPOST:(THIS SESSION) 447.8

LOCATION: (THIS COUNT) ON I-90 AT BILLINGS

FILENAME: 59090447.DEC

BEGINNING DATE: DECEMBER 1, 1998 BEGINNING TIME: 00:00

ENDING DATE: DECEMBER 31, 1998 ENDING TIME: 23:00

COUNT DURATION: 31 [] HOURS [XX] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA OTHER # BINS

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EQUIPMENT MAKE/MODEL #: DIAMOND\TT2001

SENSOR TYPE: LOOPS & PIEZOS

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NAME OF PREPARER <u>VERNA L. STARZ</u>	PHONE # <u>(406) 444-7217</u>
DATE PREPARED <u>August 12, 1999</u>	