

**SHEET  
LTPP TRAFFIC DATA**

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

STATE ASSIGNED ID [8908]

STATE CODE [30]

SHRP SECTION ID [7075]

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)
1994	16318	2578	7760	1226	226.55915

504  
2/1/01 APT  
AS INSTRUCTED  
BY DAN BISHAM

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 AUTOMATIC TRAFFIC RECORDER

CLASSIFICATION DATA AND ORACLE DATA-BASE DAILY REPORTS.

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 USED AUTOMATIC TRAFFIC RECORDER  
CLASSIFICATION DATA AND ORACLE DATA-BASE DAILY REPORTS.

4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT

☐ System distribution factors.

- ☒ Other USED AUTOMATIC TRAFFIC RECORDER  
CLASSIFICATION DATA AND ORACLE DATA-BASE DAILY REPORTS. AVERAGE OF ENTIRE YEARS DATA.

**ENTERED**

**MAR 06 2001**

By JDP

5. METHOD FOR ESTIMATING TOTAL TRUCKS, GPS LANE, AADT
- ☐ System distribution factors.
  - ☒ Other USED ORACLE DAILY REPORTS

6. METHOD FOR ESTIMATING ESAL/YR IN GPS LANE

☐ ESAL/Truck factor.

☒ ESAL/vehicle class factors

Number of classes 13

☐ 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 \_\_\_\_\_

NAME OF PREPARER VERNA L. STARZ

PHONE # 1-406-444-7217

DATE PREPARED MARCH 29, 1996

**ENTERED**

**APR 04 1996**

By (signature)

<b>SHEET 12</b>  <b>LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [8908]  *STATE CODE [30]  *SHRP SECTION ID <del>17</del> 2075]
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HIGHWAY RT.(THIS SESSION) I-90 MILEPOST(THIS SESSION) 447.8

LOCATION (THIS COUNT) ON I-90 AT BILLINGS

FILENAME 5909447.SEP DISK/TAPE ID #1

BEGINNING DATE SEPTEMBER 1, 1994 BEGINNING TIME 00:00

ENDING DATE SEPTEMBER 30, 1994 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        X       

EQUIPMENT MAKE\ MODEL # DIAMOND \ TT 2001

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       

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>OCTOBER 6, 1994</u>	

<b>SHEET 12</b>  <b>LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [8908]  *STATE CODE [30]  *SHRP SECTION ID [2075]
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HIGHWAY RT.(THIS SESSION) I-90 MILEPOST(THIS SESSION) 447.8

LOCATION (THIS COUNT) ON I-90 AT BILLINGS

FILENAME 5909447.AUG DISK/TAPE ID #1

BEGINNING DATE AUGUST 1, 1994 BEGINNING TIME 00:00

ENDING DATE AUGUST 31, 1994 ENDING TIME 23:00

COUNT DURATION 31 [ ] 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 X

EQUIPMENT MAKE\ MODEL # DIAMOND \ TT 2001

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

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>SEPTEMBER 6, 1994</u>	

*MS  
10/19/94*

<b>SHEET 12</b>  <b>LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [8908]  *STATE CODE [30]  *SHRP SECTION ID [7075]
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HIGHWAY RT.(THIS SESSION) I-90 MILEPOST(THIS SESSION) 447.8

LOCATION (THIS COUNT) ON I-90 AT BILLINGS

FILENAME C307075. I14 5909447.JUL DISK/TAPE ID #1

BEGINNING DATE JULY 1, 1994 BEGINNING TIME 00:00

ENDING DATE JULY 31, 1994 ENDING TIME 23:00

COUNT DURATION 31 [ ] 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 X

EQUIPMENT MAKE\ MODEL # DIAMOND \ TT 2001

SENSOR TYPE LOOPS & PIEZOS

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION.

GENERAL FACTORS

\_\_\_\_\_

CLASS SPECIFIC FACTOR(PROVIDE BY CLASS OR CLASS GROUPS)

\_\_\_\_\_

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COMMENTS TO TEXT

\_\_\_\_\_

\_\_\_\_\_

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 9, 1994</u>	

<b>SHEET 12</b>  <b>LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ <u>8908</u> ]
	*STATE CODE [ <u>30</u> ]
	*SHRP SECTION ID [ <u>1725</u> ]

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

LOCATION (THIS COUNT) ON I-90 AT BILLINGS

FILENAME C307075. #14 5909447. June DISK/TAPE ID #6

BEGINNING DATE June 1, 1994 BEGINNING TIME 00:00

ENDING DATE June 30, 1994 ENDING TIME 23:00

COUNT DURATION 30 [ ] 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 SHRP WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE        PERMANENT        X 10/19/94

EQUIPMENT MAKE\ MODEL #       

SENSOR TYPE       

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION.

GENERAL FACTORS

CLASS SPECIFIC FACTOR(PROVIDE BY CLASS OR CLASS GROUPS)

COMMENTS TO TEXT No Data June 13 @ 12:00 to June 13 @ 15:00 Machine shut down June 15 @ 12:00 to June 15 @ 14:00

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Thomas D. Starn</u>	PHONE # <u>406-444-7217</u>
DATE PREPARED <u>July 20, 1994</u>	

<b>SHEET 12</b>  <b>LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ <u>8908</u> ]  *STATE CODE [ <u>30</u> ]  *SHRP SECTION ID [ <u>7075</u> ]
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HIGHWAY RT.(THIS SESSION) I-90 MILEPOST(THIS SESSION) 447.8

LOCATION (THIS COUNT) ON I-90 AT BILLINGS

FILENAME 2307075.G14 5909447.MAY DISK/TAPE ID #5

BEGINNING DATE May 1, 1994 BEGINNING TIME 00:00

ENDING DATE May 31, 1994 ENDING TIME 23:00

COUNT DURATION 31 [ ] 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 SHRP WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE        PERMANENT X

EQUIPMENT MAKE\ MODEL #       

SENSOR TYPE       

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION.

GENERAL FACTORS       

CLASS SPECIFIC FACTOR(PROVIDE BY CLASS OR CLASS GROUPS)       

COMMENTS TO TEXT No Data May 8th @ 00:00 to May 9th at 15:00 Due to Machine failure

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Gene L. Starn</u>	PHONE # <u>406-444-7217</u>
DATE PREPARED <u>July 22, 1994</u>	

<b>SHEET 12</b>  <b>LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ <u>8908</u> ]  *STATE CODE [ <u>30</u> ]  *SHRP SECTION ID [ <u>7075</u> ]
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HIGHWAY RT.(THIS SESSION) I-90 MILEPOST(THIS SESSION) 447.8

LOCATION (THIS COUNT) ON I-90 AT BILLINGS

FILENAME C307075.F19 5909447.APR DISK/TAPE ID # 4

BEGINNING DATE April 1, 1994 BEGINNING TIME 00:00

ENDING DATE April 30, 1994 ENDING TIME 23:00

COUNT DURATION 30 [ ] 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 SHRP WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE          PERMANENT          X

EQUIPMENT MAKE\ MODEL #         

SENSOR TYPE         

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION.

GENERAL FACTORS         

CLASS SPECIFIC FACTOR(PROVIDE BY CLASS OR CLASS GROUPS)         

COMMENTS TO TEXT april 4 @ 08:00 to april 4 @ 10:00  
No Data

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Thomas L. Stang</u>	PHONE # <u>406-444-7217</u>
DATE PREPARED <u>July 22, 1994</u>	

<b>SHEET 12</b>  <b>LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ <u>8908</u> ] *STATE CODE [ <u>30</u> ] *SHRP SECTION ID [ <u>075</u> ]
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HIGHWAY RT.(THIS SESSION) I-90 MILEPOST(THIS SESSION) 447.8

LOCATION (THIS COUNT) ON I-90 AT BILLINGS

FILENAME C307075.E19 5909447. MAR DISK/TAPE ID #3

BEGINNING DATE March 1, 1994 BEGINNING TIME 00:00

ENDING DATE March 31, 1994 ENDING TIME 23:00

COUNT DURATION 31 [ ] 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 SHRP WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE        PERMANENT        X

EQUIPMENT MAKE\ MODEL #       

SENSOR TYPE       

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION.

GENERAL FACTORS       

CLASS SPECIFIC FACTOR(PROVIDE BY CLASS OR CLASS GROUPS)       

COMMENTS TO TEXT       

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Laura L. Starn</u>	PHONE # <u>406-444-7217</u>
DATE PREPARED <u>July 22, 1994</u>	

*NS*  
*10/9/94*



<b>SHEET 12</b>  <b>LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ <u>8908</u> ]
	*STATE CODE [ <u>30</u> ]
	*SHRP SECTION ID [ <u>3025</u> ]

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

LOCATION (THIS COUNT) ON I-90 AT BILLINGS

FILENAME 5909447. Feb DISK/TAPE ID #2

BEGINNING DATE February 1, 1994 BEGINNING TIME 00:00

ENDING DATE February 28, 1994 ENDING TIME 23:00

COUNT DURATION 28 [ ] 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 SHRP WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE        PERMANENT        X

EQUIPMENT MAKE\ MODEL #       

SENSOR TYPE       

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION.

GENERAL FACTORS       

CLASS SPECIFIC FACTOR(PROVIDE BY CLASS OR CLASS GROUPS)       

COMMENTS TO TEXT       

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Kenia L. Stang</u>	PHONE # <u>406-444-7217</u>
DATE PREPARED <u>July 22, 1994</u>	

SHEET 12

**LTPP TRAFFIC DATA  
CLASSIFICATION DATA  
TRANSMITTAL FORM**

\*STATE ASSIGNED ID [8908]

\*STATE CODE [30]

\*SHRP SECTION ID [1075]

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

LOCATION (THIS COUNT) ON I-90 AT BILLINGS

FILENAME C307075. C14 DISK/TAPE ID # /

BEGINNING DATE January 1, 1994 BEGINNING TIME 06:00

ENDING DATE January 31, 1994 ENDING TIME 23:00

COUNT DURATION 31 [ ] 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 SHRP WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE        PERMANENT X

EQUIPMENT MAKE\ MODEL #       

SENSOR TYPE       

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION.

GENERAL FACTORS       

CLASS SPECIFIC FACTOR(PROVIDE BY CLASS OR CLASS GROUPS)       

COMMENTS TO TEXT January 5<sup>th</sup> @ 19:00 to January 11<sup>th</sup> @ 14:00 Machine failure

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Terma L. Starn PHONE # 406-444-7217

DATE PREPARED July 22, 1994