

**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)
1995	18510	3045	10335	1690	264,358.55

520  
 2/1/01 MPT  
 AS INSTALLED  
 BY DAN J. S. 2/1/01

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 (72)

MASTER FILE  
COPY

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.DEC DISK/TAPE ID #1

BEGINNING DATE DECEMBER 1, 1995 BEGINNING TIME 00:00

ENDING DATE DECEMBER 31, 1995 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 PIEZOS AT THIS SITE NEED MINOR CALIBRATION.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

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

DATE PREPARED JANUARY 05, 1996

MASTER FILE  
COPY

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.NOV DISK/TAPE ID #1

BEGINNING DATE NOVEMBER 1, 1995 BEGINNING TIME 00:00

ENDING DATE NOVEMBER 30, 1995 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 PIEZOS AT THIS SITE NEED MINOR CALIBRATION  
10/30/95 @ 00:00 BATTERY WENT DEAD. RESET ON NOVEMBER 28TH.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

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

DATE PREPARED JANUARY 04,1996

<b>SHEET 12</b>  <b>LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [8908]  *STATE CODE [30]  *SHRP SECTION ID [2075] <sup>7</sup>
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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.OCT DISK/TAPE ID #1

BEGINNING DATE OCTOBER 1, 1995 BEGINNING TIME 00:00

ENDING DATE OCTOBER 31, 1994<sup>5</sup> 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 NO DATA 10/03 00:00  
NO DATA 10/12 00:00 TO 09:00

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>NOVEMBER 17, 1994</u>
--

MASTER FILE  
COPY

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.MAY DISK/TAPE ID #1

BEGINNING DATE MAY 1, 1995 BEGINNING TIME 00:00

ENDING DATE MAY 31, 1995 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 PIEZOS AT THIS SITE ARE OUT OF THE PAVEMENT AT THIS TIME.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

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

DATE PREPARED JUNE 14, 1995



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

7075

 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, 1995 BEGINNING TIME 00:00

 ENDING DATE MARCH 31, 1995 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.

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 EQUIPMENT MAKE\ MODEL # DIAMOND \ TT 2001

 SENSOR TYPE LOOPS & PIEZOS

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 GENERAL FACTORS         
        
      

 CLASS SPECIFIC FACTOR(PROVIDE BY CLASS OR CLASS GROUPS)         
        
      

 COMMENTS TO TEXT PIEZOS AT THIS SITE NEED CALIBRATION.  
        
      

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>APRIL 14, 1995</u>	

MASTER FILE  
COPY

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

LOCATION (THIS COUNT) ON I-90 AT BILLINGS

FILENAME 59090447.FEB DISK/TAPE ID #1

BEGINNING DATE FEBRUARY 1, 1995 BEGINNING TIME 00:00

ENDING DATE FEBRUARY 28, 1995 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.

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EQUIPMENT MAKE\ MODEL # DIAMOND \ TT 2001

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GENERAL FACTORS

CLASS SPECIFIC FACTOR(PROVIDE BY CLASS OR CLASS GROUPS)

COMMENTS TO TEXT PIEZOS AT THIS SITE NEED CALIBRATION.  
NO DATA 02-01-95 @00:00 TO 02-02-95 @14:27

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

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

DATE PREPARED MARCH 28, 1995



MASTER FILE  
COPY

SHEET 12

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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.JAN DISK/TAPE ID #1

BEGINNING DATE JANUARY 1, 1995 BEGINNING TIME 00:00

ENDING DATE JANUARY 31, 1994<sup>5</sup> ENDING TIME 23:00

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

VEHICLE CLASSIFICATION METHOD: FHWA        OTHER        # BINS       

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COMMENTS TO TEXT PIEZOS AT THIS SITE NEED CALIBRATION.

NO DATA 01-11-95 @14:00 THRU 01-18-95 @16:00, 01-20-95 @07:00 TO 08:00, 01-29-95 THRU 01-31-95 @23:00. LANE #3 TURNED OFF BECAUSE IT HAS TOO MANY ERRORS AND IS FILLING MEMORY AND SHUTING MACHINE OFF.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

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

DATE PREPARED FEBRUARY 19,1994