

**SHEET**  
**LTPP TRAFFIC DATA**

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

\*STAT ASSIGNED ID [8909]

\*STATE CODE [30]

\*SHRP SECTION ID [7076]

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	3330	965	1756	445	85,282.25 <del>265</del>

*2/1/01 MPT  
AS INSTRUCTED  
BY DAN B. SMITH*

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.

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.

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 \_\_\_\_\_

**ENTERED**

**MAR 06 2001**

By JDP

NAME OF PREPARER VERNA L. STARZ  
DATE PREPARED MARCH 29, 1996

PHONE # 1-406-444-7217

**ENTERED**

**APR 04 1996**

By \_\_\_\_\_

<b>SHEET 12</b>  <b>LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ <u>8909</u> ]  *STATE CODE [ <u>30</u> ]  *SHRP SECTION ID [ <u>7076</u> ]
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HIGHWAY RT.(THIS SESSION) I-90 MILEPOST (THIS SESSION) 533.1

LOCATION (THIS COUNT) JUST SOUTH OF LODGE GRASS ON I-90

FILENAME 57090533.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 NEW PIEZOS HAVE BEEN INSTALLED BUT FINAL CALIBRATION HAS NOT BEEN COMPLETED. CALIBRATION IS STILL NOT FINAL ON 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>JANUARY 05,1996</u>	

<b>SHEET 12</b>  <b>LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ <u>8909</u> ]  *STATE CODE [ <u>30</u> ]  *SHRP SECTION ID [ <u>7076</u> ]
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HIGHWAY RT.(THIS SESSION) I-90 MILEPOST (THIS SESSION) 533.1

LOCATION (THIS COUNT) JUST SOUTH OF LODGE GRASS ON I-90

FILENAME 57090533.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

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COMMENTS TO TEXT NEW PIEZOS HAVE BEEN INSTALLED BUT FINAL CALIBRATION HAS NOT BEEN COMPLETED. CALIBRATION IS STILL NOT FINAL ON 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>JANUARY 04,1996</u>	

<b>SHEET 12</b>  <b>LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ <u>8909</u> ]  *STATE CODE [ <u>30</u> ]  *SHRP SECTION ID [ <u>7076</u> ]
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HIGHWAY RT.(THIS SESSION) I-90 MILEPOST (THIS SESSION) 533.1

LOCATION (THIS COUNT) JUST SOUTH OF LODGE GRASS ON I-90

FILENAME 57090533.OCT DISK/TAPE ID #1

BEGINNING DATE OCTOBER 1,1995 BEGINNING TIME 00:00

ENDING DATE OCTOBER 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

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CLASS SPECIFIC FACTOR(PROVIDE BY CLASS OR CLASS GROUPS)

COMMENTS TO TEXT NEW PIEZOS HAVE BEEN INSTALLED BUT FINAL CALIBRATION HAS NOT BEEN COMPLETED.

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 21,1995</u>	

<b>SHEET 12</b>  <b>LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ <u>8909</u> ]  *STATE CODE [ <u>30</u> ]  *SHRP SECTION ID [ <u>7076</u> ]
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HIGHWAY RT.(THIS SESSION) I-90 MILEPOST (THIS SESSION) 533.1

LOCATION (THIS COUNT) JUST SOUTH OF LODGE GRASS ON I-90

FILENAME 57090533.SEP DISK/TAPE ID #1

BEGINNING DATE SEPTEMBER 1, 1995 BEGINNING TIME 00:00

ENDING DATE SEPTEMBER 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 NEW PIEZOS HAVE BEEN INSTALLED BUT FINAL CALIBRATION HAS NOT BEEN COMPLETED.

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 13, 1995</u>	

**SHEET 12**

# LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM

\*STATE ASSIGNED ID [ 8909 ]

\*STATE CODE [30]

\*SHRP SECTION ID [ 7066 ]

HIGHWAY RT.(THIS SESSION) I-90 MILEPOST (THIS SESSION) 533.1

LOCATION (THIS COUNT) JUST SOUTH OF LODGE GRASS ON I-90

FILENAME 57090533.AUG DISK/TAPE ID #1

BEGINNING DATE AUGUST 1, 1995 BEGINNING TIME 00:00

ENDING DATE AUGUST 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 NEW PIEZOS HAVE BEEN INSTALLED BUT FINAL CALIBRATION HAS NOT BEEN COMPLETED.

**FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.**

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

DATE PREPARED SEPTEMBER 7, 1995

<b>SHEET 12</b>  <b>LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ <u>8909</u> ]  *STATE CODE [ <u>30</u> ]  *SHRP SECTION ID [ <u>7066</u> <sup>7</sup> ]
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HIGHWAY RT.(THIS SESSION) I-90 MILEPOST (THIS SESSION) 533.1

LOCATION (THIS COUNT) JUST SOUTH OF LODGE GRASS ON I-90

FILENAME 57090533.JUL DISK/TAPE ID #1

BEGINNING DATE JULY 1,1995 BEGINNING TIME 00:00

ENDING DATE JULY 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 NEW PIEZOS HAVE BEEN INSTALLED BUT FINAL CALIBRATION HAS NOT BEEN COMPLETED.

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 11,1995</u>	

SHEET 12

**LTPP TRAFFIC DATA  
CLASSIFICATION DATA  
TRANSMITTAL FORM**

\*STATE ASSIGNED ID [ 8909 ]

\*STATE CODE [ 30 ]

\*SHRP SECTION ID [ 70<sup>7</sup>66 ]

HIGHWAY RT.(THIS SESSION) I-90 MILEPOST (THIS SESSION) 533.1

LOCATION (THIS COUNT) JUST SOUTH OF LODGE GRASS ON I-90

FILENAME 57090533.JUN DISK/TAPE ID #1

BEGINNING DATE JUNE 1,1995 BEGINNING TIME 00:00

ENDING DATE JUNE 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.

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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 NEW PIEZOS HAVE BEEN INSTALLED BUT FINAL CALIBRATION HAS NOT BEEN COMPLETED. PHONE LINE HAS BEEN INSTALLED AND WAS ACTIVATED ON JUNE 7TH.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

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

DATE PREPARED JULY 13,1995



SHEET 12

**LTPP TRAFFIC DATA  
CLASSIFICATION DATA  
TRANSMITTAL FORM**

\*STATE ASSIGNED ID [ 8909 ]

\*STATE CODE [ 30 ]

\*SHRP SECTION ID [ 7066 ]

7076

HIGHWAY RT.(THIS SESSION) I-90 MILEPOST (THIS SESSION) 533.1

LOCATION (THIS COUNT) JUST SOUTH OF LODGE GRASS ON I-90

FILENAME 57090533.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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ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION.

GENERAL FACTORS       

CLASS SPECIFIC FACTOR(PROVIDE BY CLASS OR CLASS GROUPS)       

COMMENTS TO TEXT NEW PIEZOS HAVE BEEN INSTALLED BUT FINAL CALIBRATION HAS NOT BEEN COMPLETED. NO DATA 03/13/95 @07:00 TO 03/15/95 @15:00. LANE 2 HAS BEEN TURNED OFF AS OF 12-27 BECAUSE OF TOO MANY ERRORS AND IT WAS FILLING UP THE MEMORY AND SHUTTING DOWN THE MACHINE.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

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

DATE PREPARED APRIL 14,1995

<b>SHEET 12</b>  <b>LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ <u>8909</u> ]  *STATE CODE [ <u>30</u> ]  *SHRP SECTION ID [ <u>7066</u> ]
--	---

7076

HIGHWAY RT.(THIS SESSION) I-90 MILEPOST (THIS SESSION) 533.1

LOCATION (THIS COUNT) JUST SOUTH OF LODGE GRASS ON I-90

FILENAME 57090533.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.

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

NEW PIEZOS HAVE BEEN INSTALLED BUT FINAL CALIBRATION HAS NOT BEEN COMPLETED. NO DATA 02-21-95 @00:00 TO 02-27-95 @13:37  
LANE 2 HAS BEEN TURNED OFF AS OF 12-27 BECAUSE OF TOO MANY ERRORS AND IT WAS FILLING UP THE MEMORY AND SHUTING DOWN THE MACHINE.

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 28,1995</u>	