

file 800.12.7.8.12

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

*STATE ASSIGNED ID **[0572]**

*STATE CODE **[30]**

*SHRP SECTION ID **[1001]**

HIGHWAY RT.: (THIS SESSION) P- 57 MILEPOST: (THIS SESSION) 35.1

LOCATION: (THIS COUNT) 1.5 MILES WEST OF P-80 STANFORD WIM #114

FILENAME: C301001.M1E W301001.M1E

BEGINNING DATE: NOV 1, 2004 BEGINNING TIME: 00:00

ENDING DATE: NOV 30, 2004 ENDING TIME: 23:00

COUNT DURATION: 1 [] HOURS [] DAYS [XX] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X 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 #: ECM / HESTIA

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 SITE IS WORKING WELL. CALIBRATION FACTORS WERE IMPLEMENTED ON NOVEMBER 5, 2004.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Danny O. Haynes PHONE # (406) 444-7217

DATE PREPARED December 20, 2004

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID <u>[0572]</u>
	*STATE CODE <u>[30]</u>
	*SHRP SECTION ID <u>[1001]</u>

HIGHWAY RT.: (THIS SESSION) P- 57 MILEPOST: (THIS SESSION) 35.1

LOCATION: (THIS COUNT) 1.5 MILES WEST OF P-80 STANFORD WIM #114

FILENAME: C301001.J1E W301001.J1E

BEGINNING DATE: AUG 1, 2004 BEGINNING TIME: 00:00

ENDING DATE: AUG 31, 2004 ENDING TIME: 23:00

COUNT DURATION: 1 [] HOURS [] DAYS [XX] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X 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 #: ECM / HESTIA

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: SENSOR WAS REPLACED AUG 10, 04. DATA WILL NOT BE SUBMITTED UNTIL SITE IS CALIBRATED.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Danny O. Haynes</u>	PHONE # <u>(406) 444-7217</u>
DATE PREPARED <u>September 21, 2004</u>	

**SHEET 12
LTPP TRAFFIC DATA
CLASSIFICATION DATA
TRANSMITTAL FORM***STATE ASSIGNED ID **[0572]***STATE CODE **[30]***SHRP SECTION ID **[1001]**HIGHWAY RT.: (THIS SESSION) P- 57 MILEPOST: (THIS SESSION) 35.1LOCATION: (THIS COUNT) 1.5 MILES WEST OF P-80 STANFORD WIM #114FILENAME: C301001.I1E W301001.I1EBEGINNING DATE: JULY 1, 2004 BEGINNING TIME: 00:00ENDING DATE: JULY 31, 2004 ENDING TIME: 23:00COUNT DURATION: 1 [] HOURS [] DAYS [XX] MONTHSVEHICLE CLASSIFICATION METHOD: FHWA X 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: XXEQUIPMENT MAKE/MODEL #: ECM / HESTIASENSOR TYPE: LOOPS & PIEZOSADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION: GENERAL FACTORS: CLASS SPECIFIC FACTOR: (PROVIDE BY CLASS OR CLASS GROUPS) COMMENTS TO TEXT: THIS SITE IS WORKING WELL.THE CALIBRATION FACTORS WERE IMPLEMENTED ON JULY 14, 2004.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Danny O. Haynes PHONE # (406) 444-7217DATE PREPARED September 21, 2004

file 800.7.8.12

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

*STATE ASSIGNED ID **[0572]**

*STATE CODE **[30]**

*SHRP SECTION ID **[1001]**

HIGHWAY RT.: (THIS SESSION) P- 57 MILEPOST: (THIS SESSION) 35.1

LOCATION: (THIS COUNT) 1.5 MILES WEST OF P-80 STANFORD WIM #114

FILENAME: C301001.H1E W301001.H1E

BEGINNING DATE: JUNE 1, 2004 BEGINNING TIME: 00:00

ENDING DATE: JUNE 30, 2004 ENDING TIME: 23:00

COUNT DURATION: 1 [] HOURS [] DAYS [XX] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X 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 #: ECM / HESTIA

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 SITE IS WORKING WELL.

THE CALIBRATION FACTORS WERE IMPLEMENTED ON JULY 30, 2003.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Danny O. Haynes PHONE # (406) 444-7217

DATE PREPARED July 20, 2004

800.12.7.8.12

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

*STATE ASSIGNED ID [0572]

*STATE CODE [30]

*SHRP SECTION ID [1001]

HIGHWAY RT.: (THIS SESSION) P- 57 MILEPOST: (THIS SESSION) 35.1

LOCATION: (THIS COUNT) 1.5 MILES WEST OF P-80 STANFORD WIM #114

FILENAME: C301001.G1E W301001.G1E

BEGINNING DATE: MAY 1, 2004 BEGINNING TIME: 00:00

ENDING DATE: MAY 31, 2004 ENDING TIME: 23:00

COUNT DURATION: 1 [] HOURS [] DAYS [XX] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X 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 #: ECM / HESTIA

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 SITE IS WORKING WELL.

THE CALIBRATION FACTORS WERE IMPLEMENTED ON JULY 30, 2003.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Danny O. Haynes PHONE # (406) 444-7217

DATE PREPARED June 25, 2004

600.12.7.8.12

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

*STATE ASSIGNED ID [0572]

*STATE CODE [30]

*SHRP SECTION ID [1001]

HIGHWAY RT.: (THIS SESSION) P- 57 MILEPOST: (THIS SESSION) 35.1

LOCATION: (THIS COUNT) 1.5 MILES WEST OF P-80 STANFORD WIM #114

FILENAME: C301001.F1E W301001.F1E

BEGINNING DATE: APRIL 1, 2004 BEGINNING TIME: 00:00

ENDING DATE: APRIL 30, 2004 ENDING TIME: 23:00

COUNT DURATION: 1 [] HOURS [] DAYS [XX] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X 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 #: ECM / HESTIA

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 SITE IS WORKING WELL.

THE CALIBRATION FACTORS WERE IMPLEMENTED ON JULY 30, 2003.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Danny O. Haynes PHONE # (406) 444-7217

DATE PREPARED June 18, 2004

800.12.7.8.12

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

*STATE ASSIGNED ID [0572]

*STATE CODE [30]

*SHRP SECTION ID [1001]

HIGHWAY RT.: (THIS SESSION) P- 57 MILEPOST: (THIS SESSION) 35.1LOCATION: (THIS COUNT) 1.5 MILES WEST OF P-80 STANFORD WIM #114FILENAME: C301001.E1E W301001.E1EBEGINNING DATE: MAR 1, 2004 BEGINNING TIME: 00:00ENDING DATE: MAR 31, 2004 ENDING TIME: 23:00COUNT DURATION: 1 [] HOURS [] DAYS [XX] MONTHSVEHICLE CLASSIFICATION METHOD: FHWA X 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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THE CALIBRATION FACTORS WERE IMPLEMENTED ON JULY 30, 2003.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Danny O. Haynes PHONE # (406) 444-7217DATE PREPARED March 5, 2004

800.12.7.8.12

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

*STATE ASSIGNED ID [0572]

*STATE CODE [30]

*SHRP SECTION ID [1001]

HIGHWAY RT.: (THIS SESSION) P- 57 MILEPOST: (THIS SESSION) 35.1

LOCATION: (THIS COUNT) 1.5 MILES WEST OF P-80 STANFORD WIM #114

FILENAME: C301001.D1E W301001.D1E

BEGINNING DATE: FEB 1, 2004 BEGINNING TIME: 00:00

ENDING DATE: FEB 29, 2004 ENDING TIME: 23:00

COUNT DURATION: 1 [] HOURS [] DAYS [XX] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X 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 #: ECM / HESTIA

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 SITE IS WORKING WELL.

THE CALIBRATION FACTORS WERE IMPLEMENTED ON JULY 30, 2003.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Danny O. Haynes PHONE # (406) 444-7217

DATE PREPARED May 10, 2004

800.12.7.8.12

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

*STATE ASSIGNED ID [0572]

*STATE CODE [30]

*SHRP SECTION ID [1001]

HIGHWAY RT.: (THIS SESSION) P- 57 MILEPOST: (THIS SESSION) 35.1

LOCATION: (THIS COUNT) 1.5 MILES WEST OF P-80 STANFORD WIM #114

FILENAME: C301001.C1E W301001.C1E

BEGINNING DATE: JAN 1, 2004 BEGINNING TIME: 00:00

ENDING DATE: JAN 31, 2004 ENDING TIME: 23:00

COUNT DURATION: 1 [] HOURS [] DAYS [XX] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X 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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CLASS SPECIFIC FACTOR: (PROVIDE BY CLASS OR CLASS GROUPS)

COMMENTS TO TEXT: THIS SITE IS WORKING WELL.

THE CALIBRATION FACTORS WERE IMPLEMENTED ON JULY 30, 2003.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Danny O. Haynes PHONE # (406) 444-7217

DATE PREPARED May 10, 2004

SHEET 16
LTPP MONITORED TRAFFIC DATA
SITE CALIBRATION SUMMARY

*STATE ASSIGNED ID [301001]
 *STATE CODE [30]
 *SHRP SECTION ID [1001]

P-57 MP 35.1 WB STANFORD

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [6/17/2004]
2. * TYPE OF EQUIPMENT CALIBRATED ___ WIM ___ CLASSIFIER X BOTH
3. * REASON FOR CALIBRATION
X REGULARLY SCHEDULED SITE VISIT ___ RESEARCH
 ___ EQUIPMENT REPLACEMENT ___ TRAINING
 ___ DATA TRIGGERED SYSTEM REVISION ___ NEW EQUIPMENT INSTALLATION
 ___ OTHER (SPECIFY) _____
4. * SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):
 ___ BARE ROUND PIEZO CERAMIC ___ BARE FLAT PIEZO ___ BENDING PLATES
 ___ CHANNELIZED ROUND PIEZO ___ LOAD CELLS ___ QUARTZ PIEZO
 ___ CHANNELIZED FLAT PIEZO ___ INDUCTANCE LOOPS ___ CAPACITANCE PADS
X OTHER (SPECIFY) Ceramic Piezo _____
5. EQUIPMENT MANUFACTURER ECM _____

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:
 ___ TRAFFIC STREAM -- ___ STATIC SCALE (Y/N) X TEST TRUCKS
 ___ 1 NUMBER OF TRUCKS COMPARED ___ 1 NUMBER OF TEST TRUCKS USED

TYPE PER FHWA 13 BIN SYSTEM
 SUSPENSION: 1 - AIR; 2 - LEAF SPRING
 3 - OTHER (DESCRIBE)

TRUCK	PASSES PER TRUCK	
	TYPE	SUSPENSION
1	<u>9</u>	<u>1</u>
2	___	___
3	___	___

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
 MEAN DIFFERENCE BETWEEN ---
 DYNAMIC AND STATIC GVW ___ -4.3% STANDARD DEVIATION ___ 1.6%
 DYNAMIC AND STATIC SINGLE AXLES ___ 10.8% STANDARD DEVIATION ___ 1.7%
 DYNAMIC AND STATIC DOUBLE AXLES ___ -6.9% STANDARD DEVIATION ___ 2.1%
8. ___ 4 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 60 60 58 59 57 _____
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) ___ 1.00 ___
- 11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) Y
 IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

REC'D MAR 31 2005

CLASSIFIER TEST SPECIFICS***

12.*** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
___ VIDEO X MANUAL ___ PARALLEL CLASSIFIERS

13. METHOD TO DETERMINE LENGTH OF COUNT X TIME ___ NUMBER OF TRUCKS

14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:

*** FHWA CLASS 9	___	___	14%	FHWA CLASS	___	___	___	___
*** FHWA CLASS 8	___	___	50%	FHWA CLASS	___	___	___	___
				FHWA CLASS	___	___	___	___
				FHWA CLASS	___	___	___	___

*** PERCENT "UNCLASSIFIED" VEHICLES: ___ . ___

PERSON LEADING CALIBRATION EFFORT:

CONTACT INFORMATION: DAN BISOM (406) 444-6122

rev. March 31, 2005

ENTERED APR 01 2005
8/12