

**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.N1D W301001.N1D

BEGINNING DATE: DEC 1, 2003 BEGINNING TIME: 00:00

ENDING DATE: DEC 31, 2003 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 January 26, 2004

**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.M1D W301001.M1DBEGINNING DATE: NOV 1, 2003 BEGINNING TIME: 00:00ENDING DATE: NOV 30, 2003 ENDING TIME: 23:00COUNT DURATION: 1 [] HOURS [] DAYS [XX] MONTHSVEHICLE CLASSIFICATION METHOD: FHWA X OTHER # BINS

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FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Danny O. Haynes PHONE # (406) 444-7217DATE PREPARED January 15, 2004

**SHEET 12
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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.K1D W301001.K1D

BEGINNING DATE: SEPT 1, 2003 BEGINNING TIME: 00:00

ENDING DATE: SEPT 30, 2003 ENDING TIME: 23:00

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

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER # BINS

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

DATE PREPARED February 19, 2004

**SHEET 12
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*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.J1D W301001.J1DBEGINNING DATE: AUG 1, 2003 BEGINNING TIME: 00:00ENDING DATE: AUG 31, 2003 ENDING TIME: 23:00COUNT DURATION: 1 [] HOURS [] DAYS [XX] MONTHSVEHICLE CLASSIFICATION METHOD: FHWA X OTHER # BINS

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NAME OF PREPARER Danny O. Haynes PHONE # (406) 444-7217DATE PREPARED January 15, 2004

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NAME OF PREPARER Danny O. Haynes PHONE # (406) 444-7217DATE PREPARED January 15, 2004

**SHEET 12
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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.E1d W301001.E1d

BEGINNING DATE: April 1, 2003 BEGINNING TIME: 00:00

ENDING DATE: April 30, 2003 ENDING TIME: 23:00

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

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER # BINS

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

DATE PREPARED January 15, 2004

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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.E1d W301001.E1dBEGINNING DATE: March 1, 2003 BEGINNING TIME: 00:00ENDING DATE: March 31, 2003 ENDING TIME: 23:00COUNT DURATION: 1 [] HOURS [] DAYS [XX] MONTHSVEHICLE CLASSIFICATION METHOD: FHWA X OTHER # BINS

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NAME OF PREPARER Danny O. Haynes PHONE # (406) 444-7217DATE PREPARED January 15, 2004

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NAME OF PREPARER John R DarganPHONE # (406) 444-7217DATE PREPARED January 15, 2004

**SHEET 12
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NAME OF PREPARER John R DarganPHONE # (406) 444-7217DATE PREPARED January 15, 2004

SHEET 16
LTPP MONITORED TRAFFIC DATA
SITE CALIBRATION SUMMARY

800.12.7.8.12
*STATE ASSIGNED ID [0572]
*STATE CODE [30]
*SHRP SECTION ID [1001]

P-57 RP 35.1 EB Stanford

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [07/30/2003]
2. * TYPE OF EQUIPMENT CALIBRATED ☒ WIM ☐ CLASSIFIER ☒ BOTH
3. * REASON FOR CALIBRATION
☒ 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
☒ OTHER (SPECIFY) Ceramic Piezo _____
5. EQUIPMENT MANUFACTURER ECM _____

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:
☐ TRAFFIC STREAM -- ☐ STATIC SCALE (Y/N) ☒ TEST TRUCKS
☐ 1 NUMBER OF TRUCKS COMPARED ☐ 1 NUMBER OF TEST TRUCKS USED
- | | PASSES PER TRUCK | | |
|--------------------------------------|------------------|------|------------|
| | TRUCK | TYPE | SUSPENSION |
| TYPE PER FHWA 13 BIN SYSTEM | 1 | 9 | 1 |
| SUSPENSION: 1 - AIR; 2 - LEAF SPRING | 2 | | |
| 3 - OTHER (DESCRIBE) | 3 | | |
7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
MEAN DIFFERENCE BETWEEN ---
DYNAMIC AND STATIC GVW ☐ -1.38% STANDARD DEVIATION ☐ 1.28%
DYNAMIC AND STATIC SINGLE AXLES ☐ 13.3% STANDARD DEVIATION ☐ 1.96%
DYNAMIC AND STATIC DOUBLE AXLES ☐ -4.23% STANDARD DEVIATION ☐ 1.30%
8. 3 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 59 59 59 60 58
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: _____

SEP 25 2003

CLASSIFIER TEST SPECIFICS***

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

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

14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:

| | | | | | | | |
|------------------|-----|-----|------------|-----|-----|-----|-----|
| *** FHWA CLASS 9 | ___ | ___ | FHWA CLASS | ___ | ___ | ___ | ___ |
| *** FHWA CLASS 8 | ___ | ___ | FHWA CLASS | ___ | ___ | ___ | ___ |
| | | | FHWA CLASS | ___ | ___ | ___ | ___ |
| | | | FHWA CLASS | ___ | ___ | ___ | ___ |

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

PERSON LEADING CALIBRATION EFFORT:

CONTACT INFORMATION: DAN BISOM (406) 444-6122 rev. December 31, 2002