

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

\*STATE ASSIGNED ID [8908]

\*STATE CODE [30]

\*SHRP SECTION ID [7076]

HIGHWAY RT: (THIS SESSION) I-90 MILEPOST: (THIS SESSION) 544.8

LOCATION: (THIS COUNT) ON I-90 .05 MILES NORTH OF WYOLA

FILENAME: C307076.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 #: DIAMOND

SENSOR TYPE: 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 IS TRACKED EACH MONTH.

Calibration factors were implemented December 18, 2002

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 [8908]

\*STATE CODE [30]

\*SHRP SECTION ID [7076]

HIGHWAY RT: (THIS SESSION) I-90 MILEPOST: (THIS SESSION) 544.8

LOCATION: (THIS COUNT) ON I-90 .05 MILES NORTH OF WYOLA

FILENAME: C307076.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     

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

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COMMENTS TO TEXT: THIS SITE IS WORKING WELL. THE CALIBRATION IS TRACKED EACH MONTH.

Calibration factors were implemented December 18, 2002

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED:

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

DATE PREPARED February 19, 2004

file 800.12.7.8.12

**SHEET 16**  
**LTPP MONITORED TRAFFIC DATA**  
**SITE CALIBRATION SUMMARY**

\*STATE ASSIGNED ID [ ]  
 \*STATE CODE [ 30 ]  
 \*SHRP SECTION ID [ 7076 ]

I-90 EB MP 544.8 WYOLA

SITE CALIBRATION INFORMATION

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [ 7/30/2003 ]
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  
 \_\_\_\_\_ NUMBER OF TRUCKS COMPARED \_\_\_\_\_ NUMBER OF TEST TRUCKS USED  
 \_\_\_\_\_ PASSES PER TRUCK  

	TRUCK	TYPE	SUSPENSION
TYPE PER FHWA 13 BIN SYSTEM	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 \_\_\_\_\_ % STANDARD DEVIATION \_\_\_\_\_ %  
 DYNAMIC AND STATIC SINGLE AXLES \_\_\_\_\_ % STANDARD DEVIATION \_\_\_\_\_ %  
 DYNAMIC AND STATIC DOUBLE AXLES \_\_\_\_\_ % STANDARD DEVIATION \_\_\_\_\_ %
8. \_\_\_\_\_ NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) \_\_\_\_\_  
 \_\_\_\_\_
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 24 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 \_\_\_X\_\_\_ 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