

<b>SHEET 10</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME AND LOAD</b> <b>ESTIMATE UPDATE - NO SITE COUNT</b>	STATE ASSIGNED ID [ <u>5122</u> ] STATE CODE [ <u>41</u> ] SHRP SECTION ID [ <u>5005</u> ]
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## 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)
<u>2006</u>	<u>48000</u>	<u>11,580</u>	<u>18000</u>	<u>4343</u>	<u>1223</u>

## 2. METHOD FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY)

- ☐ Growth factored last year's estimate.  
 3 ☒ Estimated based on volume counts at nearby locations.  
☐ Used computerized network analysis.  
☐ Other \_\_\_\_\_

## 3. METHOD FOR ESTIMATING TOTAL TRUCK AADT (TWO-WAY)

- ☐ Used system average from counts taken this year.  
 3 ☒ 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 \_\_\_\_\_

## 4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT

- 2 ☒ System distribution factors.  
☐ Other \_\_\_\_\_

## 5. METHOD FOR ESTIMATING TOTAL TRUCKS, GPS LANE, AADT

- 2 ☒ System distribution factors.  
☐ Other \_\_\_\_\_

## 6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE

- 2 ☒ ESAL/Truck factor.  
☐ ESAL/vehicle class factors -  
 Number of classes \_\_\_\_\_  
☐ Other \_\_\_\_\_

## 7. ESAL ESTIMATES - SOURCE OF DATA

- 2 ☒ 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.  
 2 ☒ Static scale used for enforcement.  
☐ Static scale not used for enforcement.  
☐ Other \_\_\_\_\_

NAME OF PREPARER Eric W. Brooke PHONE # 503-986-2852  
 DATE PREPARED 1/17/07

ENTD JAN 29 2007

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b> <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	STATE ASSIGNED ID [5122]
	STATE CODE [41]
	SHRP SECTION ID [5005]

HIGHWAY RT. NO. (THIS SESSION) I-5 MILEPOST NO. (THIS SESSION) 231.9

LOCATION (THIS COUNT) Grande Prairie Road Uxing

FILENAME C415005 DISKTAPE ID Oregon #

BEGINNING DATE 3/1/06 BEGINNING TIME 0100

ENDING DATE 3/31/06 ENDING TIME 2300

COUNT DURATION 30 [ ] HOURS [X] DAYS [ ] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA \_\_\_\_\_ OTHER\* ☒ #BINS 19

\* NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE SHA WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

\* IF OTHER IS SELECTED PROVIDE NAME OF SHA CLASSIFICATION SCHEME Oregon 19

TYPE OF AVC EQUIPMENT: PORTABLE \_\_\_\_\_ PERMANENT ☒

EQUIPMENT MAKE/MODEL # PAT / AVC 100

SENSOR TYPE Piezo Cable

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION.

GENERAL FACTORS \_\_\_\_\_

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OR CLASS GROUPS) \_\_\_\_\_

COMMENTS TO TEXT \_\_\_\_\_

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Mac Lynde</u>	PHONE # <u>503-986-2852</u>
DATE PREPARED <u>4/14/06</u>	

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b> <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	STATE ASSIGNED ID [5122]
	STATE CODE [41]
	SHRP SECTION ID [5005]

HIGHWAY RT. NO. (THIS SESSION) I-5 MILEPOST NO. (THIS SESSION) 231.9

LOCATION (THIS COUNT) Grande Prairie Road Uxing

FILENAME C415005.d7g DISKTAPE ID Oregon #

BEGINNING DATE 02/01/06 BEGINNING TIME 01:00

ENDING DATE 02/28/06 ENDING TIME 23:00

COUNT DURATION 28 [ ] HOURS [x] DAYS [ ] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA \_\_\_\_\_ OTHER\* ☒ #BINS 19

\* NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE SHA WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

\* IF OTHER IS SELECTED PROVIDE NAME OF SHA CLASSIFICATION SCHEME Oregon 19

TYPE OF AVC EQUIPMENT: PORTABLE \_\_\_\_\_ PERMANENT ☒

EQUIPMENT MAKE/MODEL # PAT / AVC100

SENSOR TYPE Piezo Cable

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION.

GENERAL FACTORS \_\_\_\_\_

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OR CLASS GROUPS) \_\_\_\_\_

COMMENTS TO TEXT \_\_\_\_\_

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Mac Lynde</u>	PHONE # <u>503-986-2852</u>
DATE PREPARED <u>4/14/06</u>	

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b> <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	STATE ASSIGNED ID [5122]
	STATE CODE [41]
	SHRP SECTION ID [5005]

HIGHWAY RT. NO. (THIS SESSION) I-5 MILEPOST NO. (THIS SESSION) 231.9

LOCATION (THIS COUNT) Grande Prairie Road Uxing

FILENAME C4150051.c1g DISKTAPE ID Oregon #

BEGINNING DATE 9/01/06 BEGINNING TIME 0:00

ENDING DATE 01/31/06 ENDING TIME 23:00

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

VEHICLE CLASSIFICATION METHOD: FHWA \_\_\_\_\_ OTHER\* ☒ #BINS 19

\* NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE SHA WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

\* IF OTHER IS SELECTED PROVIDE NAME OF SHA CLASSIFICATION SCHEME Oregon 19

TYPE OF AVC EQUIPMENT: PORTABLE \_\_\_\_\_ PERMANENT ☒

EQUIPMENT MAKE/MODEL # PAT / AVC 100

SENSOR TYPE Piezo Cable

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION.

GENERAL FACTORS \_\_\_\_\_

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OR CLASS GROUPS) \_\_\_\_\_

COMMENTS TO TEXT \_\_\_\_\_

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Mac Lynde</u>	PHONE # <u>503-986-2852</u>
DATE PREPARED <u>4/14/06</u>	

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b> <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	STATE ASSIGNED ID <u>151221</u>
	STATE CODE <u>1411</u>
	SHRP SECTION ID <u>150051</u>

HIGHWAY RT. NO. (THIS SESSION) I-5

MILEPOST NO. OR LOCATION (THIS SESSION) 231.9 Albany South

FILENAME W415005.FIG DISKTAPE ID Oregon #

BEGINNING DATE 3/19/06 BEGINNING TIME 0:06

ENDING DATE 3/25/06 ENDING TIME 23:06

COUNT DURATION 7 [ ] HOURS [X] DAYS [ ] MONTHS

WEIGHT SCALE TYPE: PORT. WIM X PERM. WIM        OTHER       

EQUIPMENT MAKE/MODEL# PAT/DAW100

SENSOR TYPE PIEZO CABLE

NAME OF SHA CLASSIFICATION SCHEME: OREGON 19

METHOD OF CALIBRATION AND FREQUENCY: Front Axle Ave, loaded 3S-2

COMMENTS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>McGregor Lynde</u>	PHONE # <u>503-986-2852</u>
DATE PREPARED <u>4/14/06</u>	

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[5122]
	*STATE CODE	[41]
	*SHRP SECTION ID	[5005]

### SITE CALIBRATION INFORMATION

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) 03/17/2006
2. \* TYPE OF EQUIPMENT CALIBRATED ☒ WIM ☐ CLASSIFIER ☒ BOTH TP 3/29/2016
3. \* REASON FOR CALIBRATION
- |  |   |
|--|---|
| <input checked="" type="checkbox"/> REGULARLY SCHEDULED SITE VISIT | <input type="checkbox"/> RESEARCH                   |
| <input type="checkbox"/> EQUIPMENT REPLACEMENT                     | <input type="checkbox"/> TRAINING                   |
| <input type="checkbox"/> DATA TRIGGERED SYSTEM REVISION            | <input type="checkbox"/> NEW EQUIPMENT INSTALLATION |
| <input type="checkbox"/> OTHER (SPECIFY) _____                     |   |
4. \* SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):
- |   |   |   |
|---|---|---|
| <input type="checkbox"/> BARE ROUND PIEZO CERAMIC           | <input type="checkbox"/> BARE FLAT PIEZO  | <input type="checkbox"/> BENDING PLATES   |
| <input checked="" type="checkbox"/> CHANNELIZED ROUND PIEZO | <input type="checkbox"/> LOAD CELLS       | <input type="checkbox"/> QUARTZ PIEZO     |
| <input type="checkbox"/> CHANNELIZED FLAT PIEZO             | <input type="checkbox"/> INDUCTANCE LOOPS | <input type="checkbox"/> CAPACITANCE PADS |
| <input type="checkbox"/> OTHER (SPECIFY) _____              |   |   |
5. EQUIPMENT MANUFACTURER PAT EQUIPMENT CORPORATION, INC.

### WIM SYSTEM CALIBRATION SPECIFICS\*\*

- 6.\*\* CALIBRATION TECHNIQUE USED:
- ☒ TRAFFIC STREAM - ☐ STATIC SCALE (Y/N) ☐ TEST TRUCKS
- 1 0 0 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) SPEEDS VARY 50-70 MPH
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 533
- 11.\*\* IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) N
- IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: \_\_\_\_\_

### 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: 0.4

PERSON LEADING CALIBRATION EFFORT: MCGREGOR LYNDE  
 CONTACT INFORMATION: 503-966-2852

rev. November 9, 1999

ENTERED MAY 16

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50k