

<b>SHEET 1</b> <b>LTPP TRAFFIC DATA</b> <b>SUMMARY TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE <u>141</u> *SHRP SECTION ID <u>170811</u>
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STATE OR PROVINCE OREGON COUNTY UMATILLA  
 HIGHWAY ROUTE NO. I-82 MILEPOST# 8.70 - 8.80  
 NEAREST CITY/TOWN UMATILLA NEAREST INTERSECTION Westland INTCH  
 FUNCTIONAL CLASS 01 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4  
 DIRECTION OF TRAVEL GPS LANE South(?) DATE OPENED TO TRAF. 87 09/01/88  
 FIPS COUNTY CODE 059 FHWA STATION IDENTIFICATION NO. \_\_\_\_\_  
 HPMS SAMPLE NO. NONE HPMS SUBDIVISION NO. \_\_\_\_\_  
 TYPE OF PAVEMENT: AC \_\_\_\_\_ PCC ☒ OTHER \_\_\_\_\_  
 CONTROL OF ACCESS: YES ☒ NO \_\_\_\_\_ MEDIAN: YES ☒ NO \_\_\_\_\_  
 CURRENT SURROUNDING DEVELOPMENT:  
 URBAN \_\_\_\_\_ SUBURBAN \_\_\_\_\_ RURAL ☒  
 HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?  
 YES \_\_\_\_\_ NO ☒  
 IF YES, DESCRIBE CHANGES \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

NOTE: ATTACH ALL RELATED FORMS AND COUNT DATA AND SUBMIT TO THE  
 SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF  
 EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT  
 STATION RELATIVE TO THIS GPS TEST SECTION.

ENTERED  
 DEC 10 1991

ENTERED  
 2/20/91

By \_\_\_\_\_

NAME OF PREPARER <u>CH</u>	PHONE # _____
DATE PREPARED <u>10/9/90</u>	

<p><b>SHEET 2</b></p> <p><b>LTPP TRAFFIC DATA</b></p> <p><b>TRAFFIC VOLUMES AND LOAD ESTIMATES</b></p>	<p>*STATE ASSIGNED ID [ _ _ _ _ ]</p> <p>*STATE CODE <u>141</u></p> <p>*SHRP SECTION ID <u>17081</u></p>
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YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE	5. ESTIMATED ESAL'S/YR GPS LANE (1000's)
1989	<u>5200</u>	<u>1472</u>	<u>1054</u>	<u>567</u>	<u>454</u>
1988	<u>4850</u>	<u>1373</u>	<u>8582</u>	<u>381</u>	<u>425</u>
1987					
1986					
1985					
1984					
1983					
1982					
1981					
1980					
1979					
1978					
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

9/88  
open

NAME OF PREPARER <u>Gudchen Hawley</u>	PHONE # <u>378-3084</u>
DATE PREPARED <u>9/20/90</u>	

**ENTERED**

DEC 10 1991

By LLV

**ENTERED**  
2/20/91

SHEET 3

**LTPP TRAFFIC DATA  
PROCEDURES FOR ESTIMATING  
ANNUAL AVERAGE VOLUMES AND  
TOTAL ANNUAL ESALS**

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE 41

\*SHRP SECTION ID 7081

1. Year Applicable \_\_\_\_\_

**2. METHOD FOR ESTIMATING AADT**

- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Averaged and factored multiple counts taken this year at the GPS site.
- ☐ Growth factored last year's estimate.
- ☒ Estimated based on volume counts at nearby locations.
- ☐ Used flow maps.
- ☐ Used computerized network analyses.
- ☐ Other: \_\_\_\_\_

**3. METHOD FOR ESTIMATING TRUCK  
VOLUMES OR PERCENTAGES**

- ☐ Used a single count taken this year at the GPS site.
- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Used system averages from counts taken this year.
- ☒ Used count data from nearby sites.
- ☐ Used count data taken in earlier years at the GPS site.
- ☐ Used system averages taken in earlier years at the GPS site.
- ☐ Used computerized network analyses.
- ☐ Other: \_\_\_\_\_

**4. METHOD FOR ESTIMATING AADT  
BY GPS LANE**

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: \_\_\_\_\_

**5. METHOD FOR ESTIMATING TRUCK AADT  
IN GPS LANES**

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: \_\_\_\_\_

**6. METHOD FOR ESTIMATING ESAL/VEHICLE**

- ☐ ESAL/Truck.
- ☒ ESAL/Vehicle class. (no. of classes) 5
- ☐ Other: \_\_\_\_\_

**7. ESAL ESTIMATES**

**(A) Source of Data**

- ☐ Weight data collected at GPS site this year.
- ☐ Weight data collected at GPS site prior years.
- ☒ Weight data from system averages this year.
- ☐ Weight data from system averages prior years.
- ☐ Weight data from historic W-4 Tables used.
- ☐ Other: \_\_\_\_\_

**(B) Weight Scale Type**

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

ENTERED  
DEC 10 1991  
By LLJ

ENTERED  
2/20/91

NAME OF PREPARER \_\_\_\_\_ PHONE # \_\_\_\_\_  
DATE PREPARED \_\_\_\_\_

<p align="center">SHEET 4</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">TRAFFIC VOLUME COUNTS</p>	*STATE ASSIGNED ID [ ]
	*STATE CODE [41]
	*SHRP SECTION ID [1489] [7081]

HIGHWAY ROUTE NO. (THIS COUNT) I-84 B2

MILEPOST# OR LOCATION (THIS COUNT) 0.58

BEGINNING DATE continuous 9/20/90 ENDING DATE 9/23

BEGINNING TIME 24 hr count ENDING TIME 4

COUNT DURATION [ ] HOURS [ ] DAYS [ ] MONTHS

TYPE OF COUNTER AUC NAME/MODEL # TRAFFIC Comp 3 #201

TYPE OF COUNT: TWO-WAY X ONE DIRECTION ONLY    GPS TEST LANE ONLY   

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	---	<u>9302</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	---	---
B. AXLE CORRECTION FACTOR	---	<u>na</u>
C. DAY OF WEEK FACTOR	---	---
D. MONTH FACTOR	---	---
E. OTHER FACTOR ( )	---	---
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	---	<u>5200</u> <u>mpd</u>
4. DIRECTIONAL DISTRIBUTION FACTOR	---	<u>53</u>
5. GPS LANE DISTRIBUTION FACTOR	---	<u>60</u>
6. AADT GPS LANE	---	<u>1454</u> <u>actual site</u>

ENTERED

APR 07 1992

By WV

12-10-08

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

ENTERED  
7/20/91

NAME OF PREPARER <u>Guttenberg</u>	PHONE # <u>378-3084</u>
DATE PREPARED <u>10/19/90</u>	

<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE <u>1988</u> [ <u>41</u> ] *SHRP SECTION ID [ <u>7001</u> ]
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HIGHWAY ROUTE NO. (THIS COUNT) I-82  
 MILEPOST# OR LOCATION (THIS COUNT) 0.58  
 BEGINNING DATE continuous 9/29/96 ENDING DATE 9/29/96  
 BEGINNING TIME 24 hr ENDING TIME 24  
 COUNT DURATION [ ] HOURS [ ] DAYS [ ] MONTHS  
 TYPE OF COUNTER 472 NAME/MODEL # PSC 206  
 TYPE OF COUNT: TWO-WAY x ONE DIRECTION ONLY \_\_\_ GPS TEST LANE ONLY \_\_\_

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)	___ <u>8701</u> ___	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	___ . ___	
B. AXLE CORRECTION FACTOR	___ . ___	<u>NA</u>
C. DAY OF WEEK FACTOR	___ . ___	
D. MONTH FACTOR	___ . ___	
E. OTHER FACTOR ( _____ )	___ . ___	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	___ <u>4850</u> ___	
4. DIRECTIONAL DISTRIBUTION FACTOR	___ . <u>53</u> ___	
5. GPS LANE DISTRIBUTION FACTOR	___ . <u>62</u> ___	
6. AADT GPS LANE	___ <u>1545</u> ___ Actual site	

ENTERED  
 APR 07 1992  
 By WJ

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>CP</u>	PHONE # _____
DATE PREPARED <u>10/9/96</u>	

ENTERED  
 2/20/97

SHEET

## LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA  
FHWA 13-CLASS SYSTEM

\*STATE ASSIGNED ID [ ]

\*STATE CODE [41]

\*SHRP SECTION ID [7081]

HIGHWAY RT. NO. (THIS COUNT) I-82 MILEPOST# (THIS COUNT) 0.58LOCATION (THIS COUNT) Umatilla Bridge FUNCTIONAL CLASS 01BEGINNING DATE 9/20/90 ENDING DATE 9/23/90BEGINNING TIME 6:00 ENDING TIME 6:00 DURATION (HRS) 84TYPE OF COUNT: MANUAL ☒ AUTOMATED ☐ NO. OF LANES COUNTED 4TYPE OF EQUIP.: AVC PERM. ☐ AVC PORT. ☐ WIM PERM. ☐ WIM PORT. ☐

EQUIPMENT NAME / MODEL # \_\_\_\_\_

TOTAL NO. OF VEHICLES CLASSIFIED 5200 # TRUCKS 1471 % TRUCKS 28.3NO. OF TRUCKS IN GPS LANE 567 % OF TRUCKS IN GPS LANE 72.0VEHICLE CLASSIFICATION METHOD: FHWA ☒ OTHER ☐ # BINS \_\_\_\_\_

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE  
DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND  
COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER  
CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

ENTERED  
APR 07 1992  
By LLW

## VEHICLE CLASSES

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>3729</u>	<u>1974</u>	<u>1082</u>
2. FHWA CLASS 4 (Buses)	<u>5</u>	<u>3</u>	<u>2</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>99</u>	<u>60</u>	<u>42</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>107</u>	<u>94</u>	<u>66</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>12</u>	<u>7</u>	<u>5</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>4</u>	<u>2</u>	<u>2</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>637</u>	<u>344</u>	<u>241</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>137</u>	<u>73</u>	<u>58</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>273</u>	<u>145</u>	<u>102</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>92</u>	<u>48</u>	<u>38</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>25</u>	<u>14</u>	<u>11</u>
12. OTHER VEHICLES	<u>-</u>	<u>-</u>	<u>-</u>
GRAND TOTAL	<u>5200</u>	<u>2764</u>	<u>1654</u>

ENTERED

AUG 14 1991

By

NAME OF PREPARER Gutchen Harvey PHONE # 370-3084DATE PREPARED 10/8/90

ENTERED  
2/20/91

SHEET 5

## LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA  
FHWA 13-CLASS SYSTEM

\*STATE ASSIGNED ID [6211]

\*STATE CODE [41]

1988  
\*SHRP SECTION ID [7081]HIGHWAY RT. NO. (THIS COUNT) I-82 MILEPOST# (THIS COUNT) 0.58LOCATION (THIS COUNT) Umatilla Bridge FUNCTIONAL CLASS 01BEGINNING DATE 9/20/88 ENDING DATE 9/23/88BEGINNING TIME 6:00 ENDING TIME 6:00 DURATION (HRS) 24TYPE OF COUNT: MANUAL class count AUTOMATED \_\_\_\_\_ NO. OF LANES COUNTED 4

TYPE OF EQUIP.: AVC PERM. \_\_\_\_\_ AVC PORT. \_\_\_\_\_ WIM PERM. \_\_\_\_\_ WIM PORT. \_\_\_\_\_

EQUIPMENT NAME / MODEL # \_\_\_\_\_

TOTAL NO. OF VEHICLES CLASSIFIED 4850 # TRUCKS 1373 % TRUCKS 28.3NO. OF TRUCKS IN GPS LANE 531 % OF TRUCKS IN GPS LANE 72.0VEHICLE CLASSIFICATION METHOD: FHWA ✓ OTHER \_\_\_\_\_ # BINS \_\_\_\_\_

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE  
DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND  
COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER  
CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

ENTERED

APR 07 1992

By W

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>3477</u>	<u>1843</u>	<u>1014</u>
2. FHWA CLASS 4 (Buses)	<u>5</u>	<u>3</u>	<u>2</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>92</u>	<u>55</u>	<u>39</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>174</u>	<u>87</u>	<u>61</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>11</u>	<u>6</u>	<u>40</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>4</u>	<u>2</u>	<u>2</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>594</u>	<u>321</u>	<u>225</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>143</u>	<u>76</u>	<u>61</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>255</u>	<u>138</u>	<u>97</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>71</u>	<u>38</u>	<u>30</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>24</u>	<u>13</u>	<u>10</u>
12. OTHER VEHICLES	<u>1</u>	<u>1</u>	<u>1</u>
GRAND TOTAL	<u>4850</u>	<u>2582</u>	<u>1545</u>

AUG 14 1991

By

NAME OF PREPARER John HarveyPHONE # 378-3004DATE PREPARED 10/8/90ENTERED  
2/20/91

**SHEET 7  
LTPP TRAFFIC DATA**

**VEHICLE CLASSIFICATION  
CONVERSION CHART**

\*STATE ASSIGNED ID

[ 0781 ]

\*STATE CODE

[ 41 ]

\*SHRP SECTION ID

[ 7081 ]

FOR 4-BIN, 6-BIN, OR OTHER CLASSIFICATION SYSTEMS NOT MATCHING FHWA 13-BIN SCHEME.

USE THIS SHEET TO DESCRIBE HOW THE AGENCY'S CLASSIFICATION SYSTEM CAN BE CONVERTED TO THE FHWA 13 BINS. ENTER PERCENTAGE OF TOTAL SHA CLASS DISTRIBUTED TO EACH FHWA CLASS.

APPLICABLE PERIOD \*FROM 6/16/04 \*TO 6/16/05

SHA CLASS	FHWA CLASSES												
	1-3	4	5	6	7	8	9	10	11	12	13	OTHER	TOTAL
1 *A	100	---	---	---	---	---	---	---	---	---	---	---	*---
2 *B	100	---	---	---	---	---	---	---	---	---	---	---	*---
3 C	70	---	30	---	---	---	---	---	---	---	---	---	---
4 D	---	100	---	---	---	---	---	---	---	---	---	---	---
5 E	---	---	---	100	---	---	---	---	---	---	---	---	---
6 F	---	---	---	---	---	100	---	---	---	---	---	---	---
7 G	---	100	---	---	---	---	---	---	---	---	---	---	---
8 H	---	---	---	---	---	100	---	---	---	---	---	---	---
9 I	---	---	---	---	---	100	---	---	---	---	---	---	---
10 J	---	---	---	---	100	---	---	---	---	---	---	---	---
11 K	---	---	---	---	---	---	100	---	---	---	---	---	---
12 L	---	---	---	---	---	---	---	---	100	---	---	---	---
13 M	---	---	---	---	---	---	---	---	100	---	---	---	---
14 N	---	---	---	---	---	---	---	---	---	100	---	---	---
15 O	---	---	---	---	---	---	---	50	---	---	50	---	---
16 P	---	---	---	---	---	---	---	---	---	---	100	---	---
17 Q	---	---	---	---	---	---	---	50	---	---	50	---	---
18 R	---	---	---	---	---	---	---	50	---	---	50	---	---
19 S	---	---	---	---	---	---	---	---	---	---	---	100	---
T	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL	---	---	*	---	---	---	*	---	---	---	---	---	*

NAME OF PREPARER Eric W. Brooks  
DATE PREPARED 6/16/04

PHONE# 503 986 2853

rev. November 8, 1999