

<b>SHEET 11</b> <b>LTPP TRAFFIC DATA</b>  <b>VOLUME DATA</b> <b>TRANSMITTAL FORM</b>	* STATE ASSIGNED ID	[1028]
	* STATE CODE	[23]
	* SHRP SECTION ID	[ <b>1028</b> ]

HIGHWAY RT. NO. (THIS COUNT) U.S. RT. 2 MILEPOST NO. (THIS COUNT) \_\_\_\_\_

LOCATION (THIS COUNT) Bethel Me.

FILENAME **V231023.D9A** DISK ID **E-MAILED 08-15-00**

BEGINNING DATE **01-17-00** BEGINNING TIME \_\_\_\_\_

ENDING DATE **08-14-00** ENDING TIME \_\_\_\_\_

TYPE OF COUNT: TWO-WAY   x   ONE-WAY \_\_\_\_\_

COUNT DURATION \_\_\_\_\_ [ ] HOURS [ ] DAYS [ x ] MONTHS

TYPE OF SENSOR: \_\_\_\_\_ ROAD TUBES \_\_\_\_\_ PIEZO CABLE

  x   PIEZO FILM   x   LOOPS \_\_\_\_\_ OTHER

EQUIPMENT MANUFACTURER / MODEL # Kistler Eng.

AXLE CORRECTION FACTOR \_\_\_\_\_ STANDARD DEV. OF FACTOR \_\_\_\_\_

MONTHLY / SEASONAL FACTOR \_\_\_\_\_ STANDARD DEV. OF FACTOR \_\_\_\_\_

DAY-OF-WEEK FACTOR \_\_\_\_\_ STANDARD DEV. OF FACTOR \_\_\_\_\_

OTHER FACTOR \_\_\_\_\_ STANDARD DEV. OF FACTOR \_\_\_\_\_

SPECIFY \_\_\_\_\_

DISTRIBUTION FACTOR FOR LTPP LANE \_\_\_\_\_  
(WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA)

SOURCE OF LTPP LANE DISTRIBUTION FACTOR ESTIMATE \_\_\_\_\_

COMMENTS: \_\_\_\_\_

\_\_\_\_\_

**FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.**

NAME OF PREPARER <u>Ron Cote</u>	PHONE # <u>(207) 287-1072</u>
DATE PREPARED <u>July 24, 2000</u>	rev. November 9, 1999

In Metric Format.

Dir = 3.

Sta 10 = 231028

<b>SHEET 11</b> <b>LTPP TRAFFIC DATA</b>  <b>VOLUME DATA</b> <b>TRANSMITTAL FORM</b>	* STATE ASSIGNED ID	[1028]
	* STATE CODE	[23]
	* SHRP SECTION ID	[1028]

HIGHWAY RT. NO. (THIS COUNT) U.S. RT. 2 MILEPOST NO. (THIS COUNT) \_\_\_\_\_

LOCATION (THIS COUNT) Bethel Me.

FILENAME V231028.d9a DISK ID e-mailed 08/15/00

BEGINNING DATE ~~1-11-00~~ 01-17-00 BEGINNING TIME \_\_\_\_\_

ENDING DATE ~~7-24-00~~ 08-14-00 ENDING TIME \_\_\_\_\_

TYPE OF COUNT: TWO-WAY x ONE-WAY \_\_\_\_\_

COUNT DURATION \_\_\_\_\_ [ ] HOURS [ ] DAYS [x] MONTHS

TYPE OF SENSOR: \_\_\_\_\_ ROAD TUBES \_\_\_\_\_ PIEZO CABLE

x PIEZO FILM x LOOPS \_\_\_\_\_ OTHER

EQUIPMENT MANUFACTURER / MODEL # Kistler Eng.

AXLE CORRECTION FACTOR \_\_\_\_\_ STANDARD DEV. OF FACTOR \_\_\_\_\_

MONTHLY / SEASONAL FACTOR \_\_\_\_\_ STANDARD DEV. OF FACTOR \_\_\_\_\_

DAY-OF-WEEK FACTOR \_\_\_\_\_ STANDARD DEV. OF FACTOR \_\_\_\_\_

OTHER FACTOR \_\_\_\_\_ STANDARD DEV. OF FACTOR \_\_\_\_\_

SPECIFY \_\_\_\_\_

DISTRIBUTION FACTOR FOR LTPP LANE \_\_\_\_\_  
(WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA)

SOURCE OF LTPP LANE DISTRIBUTION FACTOR ESTIMATE \_\_\_\_\_

COMMENTS: \_\_\_\_\_

**FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.**

NAME OF PREPARER Ron Cote

PHONE # (207) 287-1072

DATE PREPARED July 24, 2000

rev. November 9, 1999

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b> <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	* STATE ASSIGNED ID	[1028]
	* STATE CODE	[23]
	* SHRP SECTION ID	[ <b>1028</b> ]

HIGHWAY RT. NO. (THIS COUNT) US RT. 2

MILEPOST NO. OR LOCATION (THIS COUNT) **BETHEL**

FILENAME **C231028.D9A** DISK ID E-MAILED **08-15-00**

BEGINNING DATE **01-17-00** BEGINNING TIME **00:00**

ENDING DATE **08-14-00** ENDING TIME **23:59**

COUNT DURATION \_\_\_\_\_ [ ] HOURS [ ] DAYS [ x ] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA **x** OTHER \_\_\_\_\_

NAME OF AGENCY CLASSIFICATION SCHEME: \_\_\_\_\_ NO. OF BINS: \_\_\_\_\_

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACHE SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 BIN SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE \_\_\_\_\_ PERMANENT **WIM**

EQUIPMENT MAKE / MODEL # kistler

SENSOR TYPE piezo film

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

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

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

COMMENTS: \_\_\_\_\_

**FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.**

NAME OF PREPARER <u>Ron Cote</u>	PHONE # <u>(207) 287-1072</u>	DATE _____
PREPARED <u>7-24-00</u>	rev. November 9, 1999	

In Metric Format

Dir = 3, sta. ID = 231028

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	* STATE ASSIGNED ID	[1028]
	* STATE CODE	[23]
	* SHRP SECTION ID	[1028]

HIGHWAY RT. NO. (THIS COUNT) US RT. 2

MILEPOST NO. OR LOCATION (THIS COUNT) Bethel

FILENAME C231028.dga. DISK ID e-mailed 08/15/00

BEGINNING DATE ~~1-11-00~~ 01-17-00 BEGINNING TIME 00:00

ENDING DATE ~~7-24-00~~ 08-14-00 ENDING TIME 23:59

COUNT DURATION \_\_\_\_\_ [ ] HOURS [ ] DAYS [x] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA x OTHER \_\_\_\_\_

NAME OF AGENCY CLASSIFICATION SCHEME: \_\_\_\_\_ NO. OF BINS: \_\_\_\_\_

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACHE SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 BIN SYSTEM.

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

EQUIPMENT MAKE / MODEL # kistler

SENSOR TYPE piezo film

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

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

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

COMMENTS: \_\_\_\_\_

**FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.**

NAME OF PREPARER Ron Cote PHONE # (207) 287-1072

DATE PREPARED 7-24-00 rev. November 9, 1999

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	* STATE ASSIGNED ID [1028]
	* STATE CODE [23]
	* SHRP SECTION ID [ <b>1028</b> ]

HIGHWAY RT. NO. (THIS SESSION) US RT. 2

MILEPOST NO. OR LOCATION (THIS SESSION) **BETHEL**

FILENAME **W231028.D9A** DISK ID **E-MAILED 08-15-00**

BEGINNING DATE **01-13-00** BEGINNING TIME **11:00**

ENDING DATE **08-15-00** ENDING TIME **01:59**

COUNT DURATION \_\_\_\_\_ [ ] HOURS [ ] DAYS [x] MONTHS

WEIGHT SCALE TYPE: PORT.WIM \_\_\_\_\_ PERM. WIM **x** OTHER \_\_\_\_\_

EQUIPMENT MAKE / MODEL # HESTIA

SENSOR TYPE PIEZO FILM

VEHICLE CLASSIFICATION METHOD:

7-card FHWA 13 bin in cols. 18-19 **X** 7-card FHWA 13 bin in cols. 22-23 \_\_\_\_\_  
 7-card 6 digit Truck Weight study \_\_\_\_\_ W-card \_\_\_\_\_ OTHER \_\_\_\_\_

NAME OF AGENCY CLASSIFICATION SCHEME: \_\_\_\_\_ NO. OF BINS: \_\_\_\_\_

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 BIN SYSTEM.

METHODS OF CALIBRATION AND FREQUENCY: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

**FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.**

NAME OF PREPARER <u>Ron Cote</u>	PHONE # <u>(207) 287-1072</u>
DATE PREPARED <u>7-24-00</u>	rev. November 9, 1999

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Dir = 3

Sta. ID = 231028

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	* STATE ASSIGNED ID	[1028]
	* STATE CODE	[23]
	* SHRP SECTION ID	[1028]

HIGHWAY RT. NO. (THIS SESSION) US RT. 2

MILEPOST NO. OR LOCATION (THIS SESSION) Bethel

FILENAME W231028.d9a DISK ID e mailed 08/15/00

BEGINNING DATE ~~7-11-00~~ 01-13-00 BEGINNING TIME 11:00

ENDING DATE ~~7-24-00~~ 08-15-00 ENDING TIME 01:59

COUNT DURATION \_\_\_\_\_ [ ] HOURS [ ] DAYS [x] MONTHS

WEIGHT SCALE TYPE: PORT.WIM \_\_\_\_\_ PERM. WIM x OTHER \_\_\_\_\_

EQUIPMENT MAKE / MODEL # HESTIA

SENSOR TYPE PIEZO FILM

**VEHICLE CLASSIFICATION METHOD:**

7-card FHWA 13 bin in cols. 18-19 X 7-card FHWA 13 bin in cols. 22-23 \_\_\_\_\_

7-card 6 digit Truck Weight study \_\_\_\_\_ W-card \_\_\_\_\_ OTHER \_\_\_\_\_

NAME OF AGENCY CLASSIFICATION SCHEME: \_\_\_\_\_ NO. OF BINS: \_\_\_\_\_

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 BIN SYSTEM.

METHODS OF CALIBRATION AND FREQUENCY: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COMMENTS: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.**

NAME OF PREPARER Ron Cote

PHONE # (207) 287-1072

DATE PREPARED 7-24-00

rev. November 9, 1999

SHEET 14 LTPP TRAFFIC DATA EQUIPMENT INSTALLATION LOG	*STATE ASSIGNED ID [1028]	LOCATION <u>US RT 2 Bethel Me.</u>
	*STATE CODE [23]	INSTALLATION DATE <u>1-11-00</u>
	*SHRP SECTION ID [ ]	

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment	HESTIA	ECM	
Control Unit			
Interface			
Modem			
Loop Amplifiers			
Other _____			
Sensor(s) / Platform(s)	PIEZO FILM	KISTLER	
LTPP Lane Sensor			
Sensor Next Adjacent Lane (1)			
Sensor Next Adjacent Lane (2)			
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Off scale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package			
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1			
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			

revised November 11, 1999

<div>SHEET 16</div> <div>LTPP MONITORED TRAFFIC DATA</div> <div>SITE CALIBRATION SUMMARY</div>	<div>* STATE ASSIGNED ID [1028]</div> <div>* STATE CODE [23]</div> <div>* SHRP SECTION ID [1028]</div>
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SITE CALIBRATION INFORMATION

1. \*DATE OF CALIBRATION (MONTH/DAY/YEAR) [ 10 / 17 / 2000 ]
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) \_\_\_\_\_
5. EQUIPMENT MANUFACTURER Kistler sensors ,Ecm Equipment

WIM SYSTEM CALIBRATION SPECIFICS\*\*

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

TRF-91

	<u>10</u>	PASSES PER TRUCK
TYPE PER FHWA 13 BIN SYSTEM	TRUCK	TYPE SUSPENSION
SUSPENSION: 1 - AIR; 2 - LEAF SPRING	1	<u>10</u> <u>Air</u>
3 - OTHER (DESCRIBE)	2	
	3	

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)  
MEAN DIFFERENCE BETWEEN ---  
DYNAMIC AND STATIC GVW 7 . 0 STANDARD DEVIATION     .      
DYNAMIC AND STATIC SINGLE AXLES 7 . 0 STANDARD DEVIATION     .      
DYNAMIC AND STATIC DOUBLE AXLES 7 . 0 STANDARD DEVIATION     .
8. 2 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 65 mph on interstate highway sites and 50 on the rest.
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED)     .
- 11.\*\* IS AUTO-CALIBRATION USED AT THIS TIME? (Y / N) ☒  
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: 10.5 front axle class 9 trucks.

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: Ron Cote

CONTACT INFORMATION: tel. 207-287-1072 EEmail: Ron.Cote.State.Me.Us

rev. November 9, 1999