

<b>SHEET 11</b> <b>LTPP TRAFFIC DATA</b>  <b>VOLUME DATA</b> <b>TRANSMITTAL FORM</b>	* STATE ASSIGNED ID [1001]
	* STATE CODE [23]
	* SHRP SECTION ID [ <b>1001</b> ]

HIGHWAY RT. NO. (THIS COUNT) 95 MILEPOST NO. (THIS COUNT) \_\_\_\_\_

LOCATION (THIS COUNT) Howland

FILENAME V231001.D9A ~~J3A~~ J3A DISK ID E-MAILED 08/15/00

BEGINNING DATE 08-03-2000 BEGINNING TIME \_\_\_\_\_

ENDING DATE 8-14-00 ENDING TIME \_\_\_\_\_

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

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

TYPE OF SENSOR: Kistler ROAD TUBES x PIEZO CABLE

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

EQUIPMENT MANUFACTURER / MODEL # \_\_\_\_\_ ECM

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>8-14-00</u>	rev. November 9, 1999

<b>SHEET 11</b> <b>LTPP TRAFFIC DATA</b>  <b>VOLUME DATA</b> <b>TRANSMITTAL FORM</b>	* STATE ASSIGNED ID	[1001]
	* STATE CODE	[23]
	* SHRP SECTION ID	<u>1001</u>

HIGHWAY RT. NO. (THIS COUNT) 95 MILEPOST NO. (THIS COUNT) \_\_\_\_\_

LOCATION (THIS COUNT) Howland

FILENAME \_\_\_\_\_ DISK ID \_\_\_\_\_

BEGINNING DATE BEGINNING TIME 1-11-00 ?

ENDING DATE 8-14-00 ? ENDING TIME \_\_\_\_\_

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

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

TYPE OF SENSOR: Kistler *Ron.*

\_\_\_\_ PIEZO CABLE

x PIEZO: *- New Guide. (shfts).*

\_\_\_\_ OTHER

EQUIPMENT MANUFACTURER *- Deleting Jan. 01 - Mar. 19 ?*

AXLE CORRECTION FACTOR *- ? shfts.*

FACTOR \_\_\_\_\_

MONTHLY / SEASONAL FACTOR

FACTOR \_\_\_\_\_

DAY-OF-WEEK FACTOR \_\_\_\_\_

FACTOR \_\_\_\_\_

OTHER FACTOR \_\_\_\_\_

FACTOR \_\_\_\_\_

SPECIFY \_\_\_\_\_

*e-mail.  
use  
md. as a template.*

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 8-14-00 ?

rev. November 9, 1999

In Metric Format  
Dir = 1 Sta 10 = 231001

<b>SHEET 11</b> <b>LTPP TRAFFIC DATA</b>  <b>VOLUME DATA</b> <b>TRANSMITTAL FORM</b>	* STATE ASSIGNED ID [1001]
	* STATE CODE [23]
	* SHRP SECTION ID [ ] 1001

HIGHWAY RT. NO. (THIS COUNT) 95 MILEPOST NO. (THIS COUNT) \_\_\_\_\_

LOCATION (THIS COUNT) Howland

FILENAME V231001.atta J9A DISK ID e-mailed 08/15/00

BEGINNING DATE 8-3-00 BEGINNING TIME 1-11-00

ENDING DATE 8-14-00 ENDING TIME \_\_\_\_\_

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

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

TYPE OF SENSOR: Kistler ROAD TUBES x PIEZO CABLE  
x PIEZO FILM x LOOPS \_\_\_\_\_ OTHER

EQUIPMENT MANUFACTURER / MODEL # \_\_\_\_\_ ECM

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 8-14-00

rev. November 9, 1999

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b> <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	* STATE ASSIGNED ID	[1001]
	* STATE CODE	[23]
	SHRP SECTION ID	[ 1001 ]

HIGHWAY RT. NO. (THIS COUNT) 95

MILEPOST NO. OR LOCATION (THIS COUNT) HOWLAND

FILENAME C231001.J3A DISK ID E-MAILED 08/15/00

BEGINNING DATE 08-03-2000 BEGINNING TIME 00:00

ENDING DATE 8-14-00 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 x

EQUIPMENT MAKE / MODEL # hestia

SENSOR TYPE Kistler

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>8-14-00</u>	rev. November 9, 1999

In Metric Format  
Dir = 1 Sta. ID = 231001

SHEET 12 LTPP TRAFFIC DATA  CLASSIFICATION DATA TRANSMITTAL FORM	* STATE ASSIGNED ID	[1001
	* STATE CODE	3223
	SHRP SECTION ID	[1001]

HIGHWAY RT. NO. (THIS COUNT) 95

MILEPOST NO. OR LOCATION (THIS COUNT) Howland

FILENAME C231001.J3A DISK ID e-mailed 08/15/00

BEGINNING DATE ~~1-11-00~~ 08-03-00 BEGINNING TIME 00:00

ENDING DATE ~~8-14-00~~ 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 x

EQUIPMENT MAKE / MODEL # hestia

SENSOR TYPE Kistler

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 8-14-00

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	[1001]
	* STATE CODE	23
	* SHRP SECTION ID	[ <b>1001</b> ]

HIGHWAY RT. NO. (THIS SESSION) 95

MILEPOST NO. OR LOCATION (THIS SESSION) Howland

FILENAME W231001.J3A DISK ID E-MAILED 08-15-00

BEGINNING DATE 08-03-00 BEGINNING TIME 15:00

ENDING DATE 08-15-00 ENDING TIME 02:59

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

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

EQUIPMENT MAKE / MODEL # hestia

SENSOR TYPE kistler

**VEHICLE CLASSIFICATION METHOD:**

7-card FHWA 13 bin in cols. 18-19 \_\_\_\_\_ 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>8-14-00</u>	rev. November 9, 1999	

Dir = 1

IN METRIC Format.  
Sta. ID = 231001

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	* STATE ASSIGNED ID	[1001]
	* STATE CODE	23
	* SHRP SECTION ID	[1001]

HIGHWAY RT. NO. (THIS SESSION) 95MILEPOST NO. OR LOCATION (THIS SESSION) HowlandFILENAME W231001.J3A DISK ID e-mailed 08/15/00BEGINNING DATE ~~4-11-00~~ 08-03-00 BEGINNING TIME 15:00ENDING DATE ~~8-8-00~~ 08-15-00 ENDING TIME 02:59 ✓

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

WEIGHT SCALE TYPE: PORT. WIM \_\_\_\_\_ PERM. WIM x OTHER \_\_\_\_\_EQUIPMENT MAKE / MODEL # hestiaSENSOR TYPE kistler

## VEHICLE CLASSIFICATION METHOD:

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

7-card 6 digit Truck Weight study \_\_\_\_\_ W-card X 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: Metric

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>8-14-00</u>	rev. November 9, 1999

SHEET 14 LTPP TRAFFIC DATA EQUIPMENT INSTALLATION LOG	*STATE ASSIGNED ID [1001]	LOCATION <u>Howland</u>
	*STATE CODE [23]	INSTALLATION DATE <u>7-31-00</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



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

\* STATE ASSIGNED ID [1001]  
\* STATE CODE [23]  
\* SHRP SECTION ID [1001]

SITE CALIBRATION INFORMATION

1. DATE OF CALIBRATION (MONTH/DAY/YEAR) [ 10 / 18 / 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  
  
☐ 0 NUMBER OF TRUCKS COMPARED ☐ 1 NUMBER OF TEST TRUCKS USED  
  

TYPE PER FHWA 13 BIN SYSTEM  
SUSPENSION: 1 - AIR; 2 - LEAF SPRING  
3 - OTHER (DESCRIBE)

1 10 leaf  
2  
3

15 PASSES PER TRUCK  
TRUCK TYPE SUSPENSION
7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)  
MEAN DIFFERENCE BETWEEN ---  
DYNAMIC AND STATIC GVW ☐ 5 . STANDARD DEVIATION ☐ .  
DYNAMIC AND STATIC SINGLE AXLES ☐ 5 . STANDARD DEVIATION ☐ .  
DYNAMIC AND STATIC DOUBLE AXLES ☐ 5 . 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

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) \_\_\_\_\_

- 11.\*\* IS AUTO-CALIBRATION USED AT THIS TIME? (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: \_\_\_\_\_

PERSON LEADING CALIBRATION EFFORT: Ron Cote

CONTACT INFORMATION: tel. 207-287-1072 EMail: Ron.Cote.State.Me.Us rev. November 9, 1999

RECEIVED MAR 22 2001

ENTERED JUN 14 2002