

SHEET 11 LTPP TRAFFIC DATA VOLUME DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[6 0 0 5]
	*STATE CODE	[5 0]
	*SHRP SECTION ID	[1 0 0 4]

HIGHWAY RT. NO. (THIS COUNT) US 2 MILEPOST NO. (THIS COUNT) 03.55

LOCATION (THIS COUNT) South Hero, Vermont

FILENAME V501004.G1K DISK ID _____

BEGINNING DATE 01May10 BEGINNING TIME 00:00

ENDING DATE 31Dec10 ENDING TIME 24:00

TYPE OF COUNT: TWO-WAY ☒ ONE-WAY _____ LTPP LANE _____

COUNT DURATION 8 [] HOURS [] DAYS [X] MONTHS

TYPE OF SENSOR: _____ ROAD TUBES ☒ PIEZO CABLE

_____ PIEZO FILM _____ LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER/MODEL # IRD WIM

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>John W. Blodgett</u>	PHONE# <u>802 828-3972</u>
DATE PREPARED _____	rev. November 9, 1999

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[<u>6</u> <u>0</u> <u>0</u> <u>5</u>]
	*STATE CODE	[<u>5</u> <u>0</u>]
	*SHRP SECTION ID	[<u>1</u> <u>0</u> <u>0</u> <u>4</u>]

HIGHWAY RT. NO. (THIS COUNT) US 2

MILEPOST NO. OR LOCATION (THIS COUNT) South Hero, Vermont mm 03.55

FILENAME C501004.CIK ✓ DISK ID _____

BEGINNING DATE Jan 1, 2010 BEGINNING TIME 00:00

ENDING DATE Apr 30, 2010 ENDING TIME 24:00

COUNT DURATION 4 [] 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 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.

TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT X

EQUIPMENT MAKE/MODEL# IRD WIM

SENSOR TYPE Piezo Electric

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>John W. Blodgett</u>	PHONE <u>802 828-3972</u>
DATE PREPARED <u>May 28, 2010</u>	revised November 11, 1999

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[G 0 0 5]
	*STATE CODE	[5 0]
	*SHRP SECTION ID	[1 0 0 4]

HIGHWAY RT. NO. (THIS COUNT) US 2

MILEPOST NO. OR LOCATION (THIS COUNT) South Hero, Vermont mm 03.55

FILENAME C501004.GIK ✓ DISK ID _____

BEGINNING DATE 01 May 10 BEGINNING TIME 00:00

ENDING DATE 31 Dec 10 ENDING TIME 24:00

COUNT DURATION 8 [] 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 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.

TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT X

EQUIPMENT MAKE/MODEL# IRD WIM

SENSOR TYPE Piezo Electric

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>John W. Blodgett</u>	PHONE <u>802 828-3972</u>
DATE PREPARED _____	revised November 11, 1999

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[6 0 0 5]
	*STATE CODE	[5 0]
	*SHRP SECTION ID	[1 0 0 4]

HIGHWAY RT. NO. (THIS SESSION) US 2

MILEPOST NO. OR LOCATION (THIS SESSION) 03.55

FILENAME W501004.CIK ✓ DISK ID _____

BEGINNING DATE Jan 1, 2010 BEGINNING TIME 00:00

ENDING DATE April 30, 2010 ENDING TIME 24:00

COUNT DURATION 4 [] HOURS [] DAYS [x] MONTHS

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

EQUIPMENT MAKE/MODEL# IRD WIM

SENSOR TYPE Piezo Electric

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 CLASS SYSTEM.

METHOD OF CALIBRATION AND FREQUENCY: Autocalibrate every 2 days

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>John W. Blodgett</u>	PHONE <u>802 828-3972</u>
DATE PREPARED <u>May 28, 2010</u>	revised February 21, 2000

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[<u>6</u> <u>0</u> <u>0</u> <u>5</u>]
	*STATE CODE	[<u>5</u> <u>0</u>]
	*SHRP SECTION ID	[<u>1</u> <u>0</u> <u>0</u> <u>4</u>]

HIGHWAY RT. NO. (THIS SESSION) US 2

MILEPOST NO. OR LOCATION (THIS SESSION) 03.55

FILENAME W501004.G1K ✓ DISK ID _____

BEGINNING DATE 01May10 BEGINNING TIME 00:00

ENDING DATE 31Dec10 ENDING TIME 24:00

COUNT DURATION 8 [] HOURS [] DAYS [x] MONTHS

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

EQUIPMENT MAKE/MODEL# IRD WIM

SENSOR TYPE Piezo Electric

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 CLASS SYSTEM.

METHOD OF CALIBRATION AND FREQUENCY: Autocalibrate every 2 days

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>John W. Blodgett</u>	PHONE <u>802 828-3972</u>
DATE PREPARED _____	revised February 21,2000

ENTERED JUN 17 2010

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	* STATE ASSIGNED ID [G 0 0 5] * STATE CODE [5 0] * SHRP SECTION ID [1 0 0 4]
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SITE CALIBRATION INFORMATION

1. *DATE OF CALIBRATION (MONTH/DAY/YEAR) 01/01/2010
2. *TYPE OF EQUIPMENT CALIBRATED X WIM CLASSIFIER BOTH
3. *REASON FOR CALIBRATION
 REGULARLY SCHEDULED SITE VISIT RESEARCH
 EQUIPMENT REPLACEMENT TRAINING
 DATA TRIGGERED SYSTEM REVISION NEW EQUIPMENT
INSTALLATION
 OTHER (SPECIFY) autocalibration
4. *SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):
 BARE ROUND PIEZO CERAMIC X BARE FLAT PIEZO BENDING PLATES
 CHANNELIZED ROUND PIEZO LOAD CELLS QUARTZ PIEZO
 CHANNELIZED FLAT PIEZO X INDUCTANCE LOOPS CAPACITANCE PADS
 OTHER (SPECIFY) Bare Flat Piezo (not ceramic)
5. EQUIPMENT MANUFACTURER IRD

WIM SYSTEM CALIBRATION SPECIFICS**

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

TYPE PER FHWA 13 BIN SYSTEM SUSPENSION: 1 - AIR; 2 - LEAF SPRING 3 - OTHER (DESCRIBE)	PASSES PER TRUCK	
	TRUCK	TYPE SUSPENSION
	1	
	2	
	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)
- 11.** IS AUTO-CALIBRATION USED AT THIS TIME? (Y / N) Y
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: FHWA class 9 mean front axle weight 10,000 pounds

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
FHWA CLASS
- *** PERCENT "UNCLASSIFIED" VEHICLES:

PERSON LEADING CALIBRATION EFFORT: <u>Carl Parton</u>
CONTACT INFORMATION: <u>802-828-6584</u> rev. November 9, 1999