

SHEET 11 LTPP TRAFFIC DATA VOLUME DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[_ _ _ _]
	*STATE CODE	[8 9]
	*SHRP SECTION ID	[3 0 / 6]

HIGHWAY RT. NO. (THIS COUNT) 40 MILEPOST NO. (THIS COUNT) _____

LOCATION (THIS COUNT) 0.660 Km East of the road 361

FILENAME V893016 C1C DISK ID 1st half of the Year 2002

BEGINNING DATE 04/01/2002 BEGINNING TIME 00:00

ENDING DATE 08/01/2002 ENDING TIME 00:00

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

COUNT DURATION 212 [] HOURS ☒ DAYS [] MONTHS

TYPE OF SENSOR: _____ ROAD TUBES 2 PIEZO CABLE

_____ PIEZO FILM 2 LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER/MODEL # IRD-1060

AXLE CORRECTION FACTOR — STANDARD DEV. OF FACTOR — APR 11 2002

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: OK

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Nathalie Rone, instag.</u>	PHONE# <u>(418) 644-9547</u>
DATE PREPARED <u>10-16-2002</u>	rev. November 9, 1999

SHEET 11 LTPP TRAFFIC DATA VOLUME DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[]
	*STATE CODE	[89]
	*SHRP SECTION ID	[3016]

HIGHWAY RT. NO. (THIS COUNT) 40 MILEPOST NO. (THIS COUNT) _____

LOCATION (THIS COUNT) 0.660 km East of the road 361

FILENAME V893016.JTD DISK ID 2nd half of the Year 2002

BEGINNING DATE 08-01-2002 BEGINNING TIME 00:00

ENDING DATE 12-31-2002 ENDING TIME 00:00

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

COUNT DURATION 153 [] HOURS [X] DAYS [] MONTHS

TYPE OF SENSOR: _____ ROAD TUBES 2 PIEZO CABLE

_____ PIEZO FILM 1 LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER/MODEL # IRD-1060

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: For 3 weeks beginning with calibration's day on
11-12-2002, the volume traffic is too low.
Power supply failure on 11-12-2002 to 11-20-2002.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Natalie Ferguson</u>	PHONE# <u>(418) 644 9547</u>
DATE PREPARED <u>02-18-2002</u>	rev. November 9, 1999

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[_ _ _ _]
	*STATE CODE	89
	*SHRP SECTION ID	13016

HIGHWAY RT. NO. (THIS COUNT) 40

MILEPOST NO. OR LOCATION (THIS COUNT) _____

FILENAME C893016.C1C DISK ID 1st half of the Year 2002

BEGINNING DATE 01-01-2002 BEGINNING TIME 00:03

ENDING DATE 02-01-2002 ENDING TIME 00:00

COUNT DURATION 212 [] HOURS [☒] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA ☒ OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: FHWA NO. OF BINS 13

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 ☒

EQUIPMENT MAKE/MODEL# TRD-1060

SENSOR TYPE 2 loops, 2 para cables

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS: _____

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OF CLASS GROUPS) _____

COMMENTS OK

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Nathalie Riquelme, ing stag</u>	PHONE <u>(413) 644-9547</u>
DATE PREPARED <u>10-18-2002</u>	revised November 11, 1999

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[_ _ _ _]
	*STATE CODE	[89]
	*SHRP SECTION ID	[3016]

HIGHWAY RT. NO. (THIS COUNT) 40

MILEPOST NO. OR LOCATION (THIS COUNT) 0.660km East of the road 361

FILENAME C893016.J1D DISK ID 2nd half of the Year 2002

BEGINNING DATE 08-01-2002 BEGINNING TIME 00:00

ENDING DATE 12-31-2002 ENDING TIME 00:00

COUNT DURATION 153 [] HOURS [4] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: FHWA NO. OF BINS 13

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 ☒

EQUIPMENT MAKE/MODEL# IRD-1060

SENSOR TYPE 1 loop, 2 piezo cables

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS: ←

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OF CLASS GROUPS) —

COMMENTS The volume for each class is to 1000 for the 3 weeks after calibration day on 12-11-2002
No data between 12-2002 to 11-20-2002 due to power supply failure.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Kathleen J. [unclear]</u>	PHONE <u>(413) 649 9547</u>
DATE PREPARED <u>12-02-2003</u>	revised November 11, 1999

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[_ _ _ _]
	*STATE CODE	[8 9]
	*SHRP SECTION ID	[3 0 1 6]

HIGHWAY RT. NO. (THIS COUNT) 40

MILEPOST NO. OR LOCATION (THIS COUNT) 0.660km East of the road 361

FILENAME C893016.J1D DISK ID 2nd half of the Year 2002

BEGINNING DATE 08-01-2002 BEGINNING TIME 09:00

ENDING DATE 12-31-2002 ENDING TIME 00:00

COUNT DURATION 153 [] HOURS [4] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: FHWA NO. OF BINS 13

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 ☒

EQUIPMENT MAKE/MODEL# IRD-1060

SENSOR TYPE 1 loop, 2 piezo cables

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS: ←

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OF CLASS GROUPS) —

COMMENTS The volume for each class is to 1000 for the 3 weeks after calibration day on 12-11-2002
No data between 12-2002 to 11-20-2002 due to power supply failure.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Nathalie Ferguson</u>	PHONE <u>(418) 649 9572</u>
DATE PREPARED <u>12-02-2003</u>	revised November 11, 1999

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[]
	*STATE CODE	09
	*SHRP SECTION ID	3016

HIGHWAY RT. NO. (THIS SESSION) 40

MILEPOST NO. OR LOCATION (THIS SESSION) _____

FILENAME W893016.C1C DISK ID 1st half of the Year 2002

BEGINNING DATE 01-01-2002 BEGINNING TIME 00:00

ENDING DATE 08-01-2002 ENDING TIME 00:00

COUNT DURATION 212 [] HOURS [☒] DAYS [] MONTHS

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

EQUIPMENT MAKE/MODEL# TRD-1060

SENSOR TYPE 2 loops, 2 piezo cables

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: FHWA NO. OF BINS 13

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: The method uses a ten passes of a test truck once a year or when necessary.

COMMENTS OK

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Nathalie Lyne, inc. eng.</u>	PHONE <u>(413) 644-9547</u>
DATE PREPARED <u>10-10-2002</u>	revised February 21, 2000

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[_ _ _ _]
	*STATE CODE	[89]
	*SHRP SECTION ID	[3016]

HIGHWAY RT. NO. (THIS SESSION) 40

MILEPOST NO. OR LOCATION (THIS SESSION) 0.660 km East of the road 361

FILENAME W893016.J1D DISK ID 2nd half of the Year 2002

BEGINNING DATE 08-01-2002 BEGINNING TIME 00:00

ENDING DATE 12-31-2002 ENDING TIME 00:00

COUNT DURATION 153 [] HOURS [4] DAYS [] MONTHS

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

EQUIPMENT MAKE/MODEL# ISD-1060

SENSOR TYPE 1 loop, 2 piezo cables

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: FHWA NO. OF BINS 13

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: The method uses 10 passes of a test truck at free flow speed traffic once a year or when necessary.

COMMENTS After 10-10-2002 the weight's data are questionable.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Nathali Gonzalez</u>	PHONE (418) <u>644-9547</u>
DATE PREPARED <u>02-18-2002</u>	revised February 21, 2000

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[_ _ _ _]
	*STATE CODE	[89]
	*SHRP SECTION ID	[3016]

HIGHWAY RT. NO. (THIS SESSION) 40

MILEPOST NO. OR LOCATION (THIS SESSION) 0.660 km East of the road 361

FILENAME W/893016.J1D DISK ID 2nd half of the Year 2002

BEGINNING DATE 08-01-2002 BEGINNING TIME 00:00

ENDING DATE 12-31-2002 ENDING TIME 00:00

COUNT DURATION 153 [] HOURS [☒] DAYS [] MONTHS

WEIGHT SCALE TYPE: PORT. WIM ☐ PERM. WIM ☒ OTHER ☐

EQUIPMENT MAKE/MODEL# IRD-1060

SENSOR TYPE 1 loop, 2 piezo cables

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: FHWA NO. OF BINS 13

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: The method uses 10 passes of a test truck at free flow speed traffic once a year or when necessary.

COMMENTS After 10-10-2002 the weight's data are questionable.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Nathali L. ...</u>	PHONE <u>(418) 644-9547</u>
DATE PREPARED <u>02-18-2002</u>	revised February 21, 2000

SHEET 16
LTPP MONITORED TRAFFIC DATA
SITE CALIBRATION SUMMARY

*STATE ASSIGNED ID []
*STATE CODE [89]
*SHRP SECTION ID [3016]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) 11/12/2002
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 IRD-1060

ENTERED APR 04 2003

WIM SYSTEM CALIBRATION SPECIFICS**

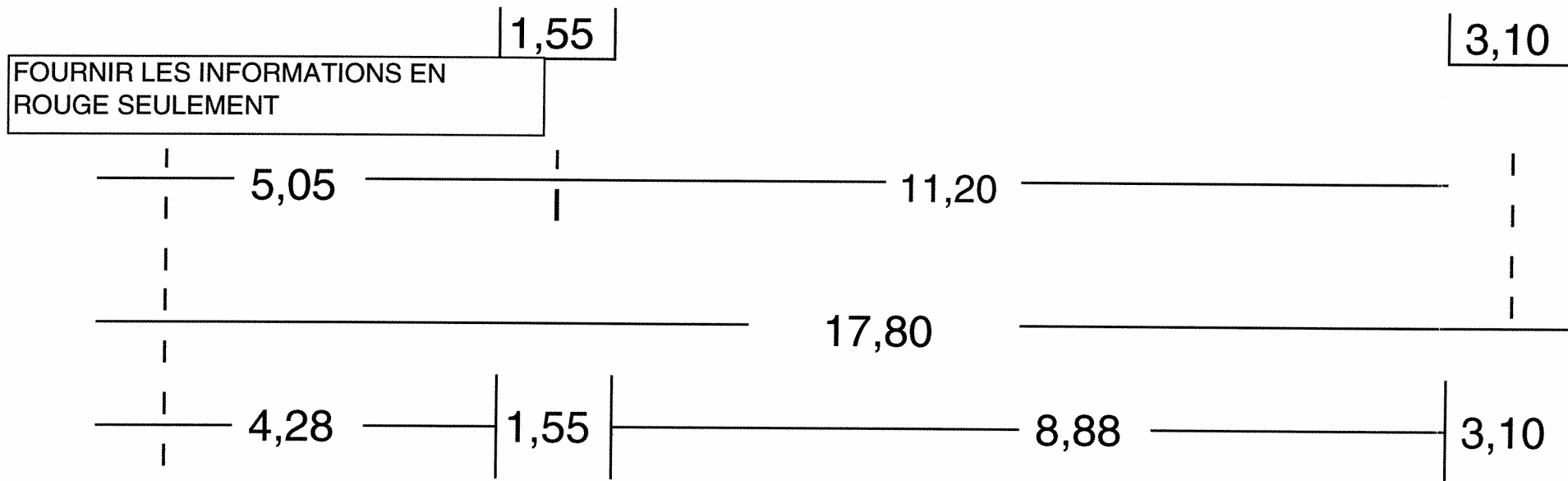
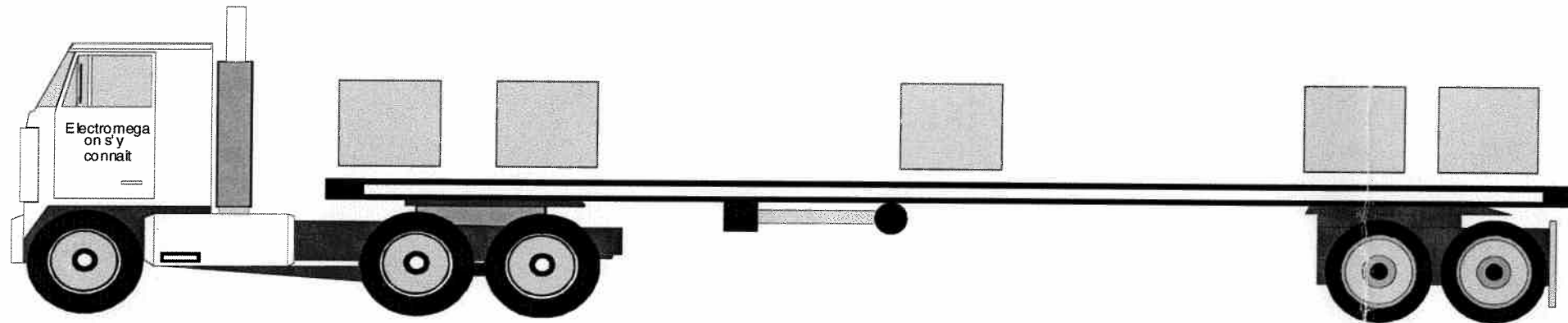
- 6.** CALIBRATION TECHNIQUE USED:
☐ TRAFFIC STREAM - ☐ STATIC SCALE (Y/N) ☒ TEST TRUCKS
☒ NUMBER OF TRUCKS COMPARED ☒ NUMBER OF TEST TRUCKS USED
☐ PASSES PER TRUCK
TRUCK TYPE SUSPENSION
TYPE PER FHWA 13 BIN SYSTEM 1 9 1
SUSPENSION: 1 - AIR; 2 - LEAF SPRING 2
3 - OTHER (DESCRIBE) 3
7. SUMMARY CALIBRATION 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) 55
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) _____
- 11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) ☒
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: 4.3t

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

PERSON LEADING CALIBRATION EFFORT: Michel Mondor
CONTACT INFORMATION: Nathalie Gaudet, in, 548
rev. November 9, 1999

INFORMATIONS SUR VÉHICULE D'ÉTALLONAGE



POIDS:	Essieux avant	Motrice 1	Motrice 2	POIDS TOTAL	Arrière 1	Arrière 2
	5770	5870	5870	29460,00	5975	5975

CALIBRATION DE Batiscan
DATE: 12 novembre 2002

VOIE# vers Québec

893016 2002

DONNEES DU VEHICULE ETALON

	POIDS		TOTAL	LONGUEUR TOTALE DU VÉHICULE				17,80 MÈTRES	Sensibilitee detecteurs	
ESSIEUX	1	2	1+2	SÉPARATION ENTRE LES ESSIEUX						
AVANT	5770		5770	avant	4,28				DET 1	9,50
MOTRICE	5870	5870	11740	motrice 1		1,55	5,83		DET 2	n.a
ARRIERE	5975	5975	11950	motrice 2						
TOTAL			29460	arrière 1				3,10		8,88
CALF ancien	PIESO 1	PIESO 2		arrière 2						
	0,90	1,18								
nouveau	0,99	1,16								

PASSE	AVANT		MOY	MOTRICE				MOY	ARRIERE				MOY	TOTAL		MOY
	PIESO 1	PIESO 2		ESSIEUX 1		ESSIEUX 2			ESSIEUX 1		ESSIEUX 2			PIESO 1	PIESO 2	
				PIÉZO 1	PIÉZO 2	PIÉZO 1	PIÉZO 2		PIÉZO 1	PIÉZO 2	PIÉZO 1	PIÉZO 2				
1	4787	6522	5654,50	4367	5743	5025	6055	10595,00	5857	5767	5865	6449	11969,00	25901,00	30536,00	28218,50
2	5563	5718	5640,50	4649	5745	5791	6151	11168,00	5283	6096	5885	6539	11901,50	27171,00	30249,00	28710,00
3	5563	5778	5670,50	3843	6338	4883	5288	10176,00	5579	5789	6202	5934	11752,00	26070,00	29127,00	27598,50
4	5373	5876	5624,50	4637	5907	5937	5948	11214,50	5543	5995	6341	5953	11916,00	27831,00	29679,00	28755,00
5	4672	6461	5566,50	4756	5648	5822	5455	10840,50	5718	6102	6108	6492	12210,00	27076,00	30158,00	28617,00
6	5735	6290	6012,50	4584	6257	6030	5175	11023,00	6169	5935	6982	5899	12492,50	29500,00	29556,00	29528,00
MOY	5191,60	6071,00	5631,30	4450,40	5876,20	5491,60	5779,40	10798,80	5596,00	5949,80	6080,20	6273,40	11949,70	26809,80	29949,80	28379,80
ERR %	-10,02	5,22	-2,40	-24,18	0,11	-6,45	-1,54	-8,02	-6,34	-0,42	1,76	4,99	0,00	-9,00	1,66	-3,67
STD	385,35	347,56	35,79	329,71	245,45	443,91	343,27	384,78	191,87	145,50	183,32	270,93	148,78	723,52	495,34	434,17
STD (%)	7,42	5,72	0,64	7,41	4,18	8,08	5,94	3,56	3,43	2,45	3,02	4,32	1,25	2,70	1,65	1,53

CAL1AV	1,00		CAL2AV		1,12	RÉSULTATS DE LA PASSE FINALE	POIDS AVANT	POIDS MOTRICE	POIDS ARRIÈRE	POIDS TOTAL
CAL1MO	1,06		CAL2MO		1,19		6012,50	11023,00	12492,50	29528,00
CAL1AR	0,92		CAL2AR		1,15					
CAL1TO	0,99		CAL2TO		1,16		4,20	-6,11	4,54	0,23
CAL MOY	0,99		CAL MOY		1,16					