

SHEET 11 LTPP TRAFFIC DATA VOLUME DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[]
	*STATE CODE	[69]
	*SHRP SECTION ID	[0900]

HIGHWAY RT. NO. (THIS COUNT) 170 MILEPOST NO. (THIS COUNT) _____

LOCATION (THIS COUNT) 0.7 km West of Chemin du Lac-des-Bleuets

FILENAME V890901.Kia DISK ID Year 2000

BEGINNING DATE 09-19-2000 BEGINNING TIME A.M. 12:00

ENDING DATE 11-21-2000 ENDING TIME A.M. 12:00

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

COUNT DURATION 60 [] HOURS ☒ DAYS [] MONTHS

TYPE OF SENSOR: _____ ROAD TUBES 2 PIEZO CABLE

_____ PIEZO FILM _____ LOOPS 1 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: An electronic problem occurred the 11-21-2000 and no more data have been registered for the rest of the year.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Nathalie Lyne</u>	PHONE# <u>(418) 644-6467</u>
DATE PREPARED <u>10-04-2001</u>	rev. November 9, 1999

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[_ _ _ _]
	*STATE CODE	[89]
	*SHRP SECTION ID	[0900]

HIGHWAY RT. NO. (THIS COUNT) 170

MILEPOST NO. OR LOCATION (THIS COUNT) approx 0.7 km west of chemin du Lac-des-Bleuets

FILENAME C 890901.K1a DISK ID Year 2000

BEGINNING DATE 09-19-2000 BEGINNING TIME A.M. 12:00

ENDING DATE 11-21-2000 ENDING TIME A.M. 12:00

COUNT DURATION 63 [] HOURS [☒] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA ☒ OTHER ☐

NAME OF AGENCY CLASSIFICATION SCHEME: F 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# IR01060

SENSOR TYPE 1 Loops, 2 road tubes

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OF CLASS GROUPS)

COMMENTS An electric problem occurred on 11-21-2000 and no more data have been registered for the rest of the year.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Yothalie Ague</u>	PHONE <u>(418) 6A4-6A67</u>
DATE PREPARED <u>10-04-2001</u>	revised November 11, 1999

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[] [] [] []
	*STATE CODE	[3] [9]
	*SHRP SECTION ID	[0] [9] [0] [9]

HIGHWAY RT. NO. (THIS SESSION) 170

MILEPOST NO. OR LOCATION (THIS SESSION) approx. 07 km West of Chemin du Lac-des-Bleuets

FILENAME W890901 Kia DISK ID Year 2000

BEGINNING DATE 09-19-2000 BEGINNING TIME A.M. 12:00

ENDING DATE 11-21-2000 ENDING TIME A.M. 12:00

COUNT DURATION 63 [] HOURS [☒] DAYS [] MONTHS

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

EQUIPMENT MAKE/MODEL# IRD-1060

SENSOR TYPE 1 loop, 2 road tubes

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 ☒ (cont) 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: Calibration's sheet is transmitted after every calibration.

COMMENTS An electric problem occurred Hg 21-11-2000 and no data have been registered for the rest of the year.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Nathalie Ligne</u>	PHONE <u>(418) 644-6467</u>
DATE PREPARED <u>10-04-2001</u>	revised February 21, 2000

Rec'd Mar. 1, 2001 E.F.

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[]
	*STATE CODE	[09]
	*SHRP SECTION ID	[9000]

0900

SITE CALIBRATION INFORMATION

- * DATE OF CALIBRATION (MONTH/DAY/YEAR) [09 / 20 / 2000]
- * TYPE OF EQUIPMENT CALIBRATED ☒ WIM ☐ CLASSIFIER ☐ BOTH
- * REASON FOR CALIBRATION
☐ REGULARLY SCHEDULED SITE VISIT ☐ RESEARCH
☐ EQUIPMENT REPLACEMENT ☐ TRAINING
☐ DATA TRIGGERED SYSTEM REVISION ☒ NEW EQUIPMENT INSTALLATION
☐ OTHER (SPECIFY) _____
- * 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) _____
- EQUIPMENT MANUFACTURER _____

ENTERED, NOV 03 2006

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 |
|-------|------|------------|
| 1 | 9 | 1 |
| 2 | | |
| 3 | | |
- TYPE PER FHWA 13 BIN SYSTEM
 SUSPENSION: 1 - AIR; 2 - LEAF SPRING
 3 - OTHER (DESCRIBE)

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)

MEAN DIFFERENCE BETWEEN ---
 DYNAMIC AND STATIC GVW ☐ 5.59 STANDARD DEVIATION ☐ 6.74
 DYNAMIC AND STATIC SINGLE AXLES ☐ 0.78 STANDARD DEVIATION ☐ 3.23
 DYNAMIC AND STATIC DOUBLE AXLES ☐ -1.64 STANDARD DEVIATION ☐ 2.57

8. ☐ NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED

9. DEFINE THE SPEED RANGES USED (MPH) 05

SCANNED

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) _____ 2009

11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) ☒
 IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

CLASSIFIER TEST SPECIFICS***

- *** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
☐ VIDEO ☐ MANUAL ☐ PARALLEL CLASSIFIERS
- METHOD TO DETERMINE LENGTH OF COUNT ☐ TIME ☐ NUMBER OF TRUCKS
- MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:

SHEET 16
LTPP MONITORED TRAFFIC DATA
SITE CALIBRATION SUMMARY

*STATE ASSIGNED ID []
*STATE CODE [89]
*SHRP SECTION ID [9000]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) 09/20/2000
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 _____

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
TYPE PER FHWA 13 BIN SYSTEM
SUSPENSION: 1 - AIR; 2 - LEAF SPRING
3 - OTHER (DESCRIBE)
- | TRUCK | TYPE | SUSPENSION |
|-------|------|------------|
| 1 | 9 | 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) 65 _____
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: _____

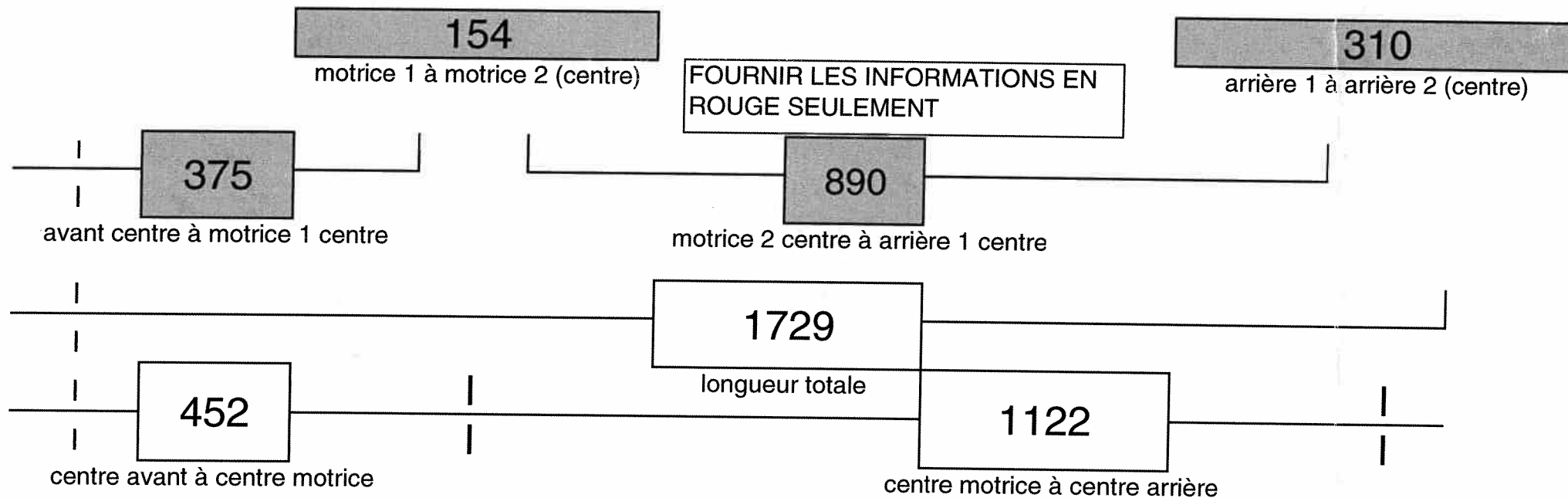
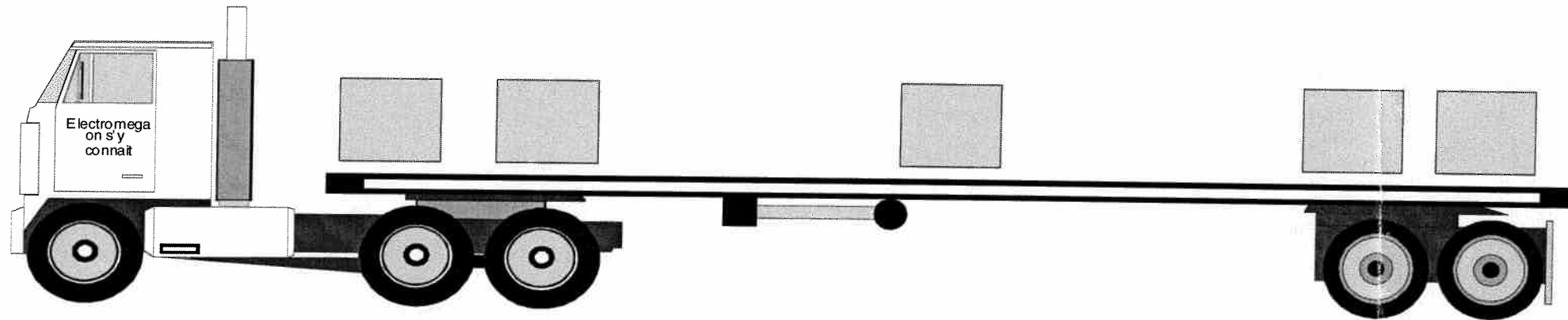
CLASSIFIER TEST SPECIFICS***

- 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

INFORMATIONS SUR VÉHICULE D'ÉTALLONAGE

Qc calibration details 2000

891125
893001
893015
893016
899018



POIDS:

Essieux avant

5170

Motrice 1

7575

Motrice 2

7575

poids total

34510,00

Arrière 1

7095

Arrière 2

7095

CALIBRATION DE : JONQUIERE
 DATE: 20-sept-00

VOIE# 1 (OUEST)

890900 2000

DONNEES DU VEHICULE ETALON							LECTURE DES PIÉZOS			RÉSULTAT	
POIDS			TOTAL	LONGUEUR TOTALE DU VÉHICULE			1729,00		PIEZO 1	PIEZO 2	PASSE 6
ESSIEUX	1	2	1+2	SEPARATION ENTRE LES ESSIEUX					1		#VALEUR!
AVANT	6100,00		6100,00	avant	452,00	154,00		1122,00	2		
MOTRICE	7530,00	7530,00	15060,00	motrice 1					3		
ARRIERE	7110,00	7110,00	14220,00	motrice 2	MOTRICE				#####	#####	#VALEUR!
TOTAL			35380,00	arrière 1	4						
CALF	PIESO 1	PIESO 2		arrière 2		310,00		5			
	0,10	0,10						ARRIERE	#####	#####	#VALEUR!

PASSE	AVANT		MOY	MOTRICE		MOY	ARRIERE		MOY	TOTAL		MOY
	PIESO 1	PIESO 2		PIESO 1	PIESO 2		PIESO 1	PIESO 2		PIESO 1	PIESO 2	
1	1357,00	1967,00	1662,00	3154,00	4898,00	4026,00	3321,00	3345,00	3333,00	7832,00	10210,00	9021,00
2	1443,00	1950,00	1696,50	3085,00	4907,00	3996,00	3432,00	3318,00	3375,00	7960,00	10175,00	9067,50
3	1226,00	1947,00	1586,50	3195,00	4759,00	3977,00	3050,00	3483,00	3266,50	7471,00	10189,00	8830,00
4	973,00	1837,00	1405,00	2840,00	4660,00	3750,00	2707,00	4056,00	3381,50	6520,00	10553,00	8536,50
5	1103,00	1908,00	1505,50	2929,00	4549,00	3739,00	3040,00	4009,00	3524,50	7072,00	10466,00	8769,00

MOY	1220,40	1921,80	1571,10	3040,60	4754,60	3897,60	3110,00	3642,20	3376,10	7371,00	10318,60	8844,80
ERR %	-79,99	-68,50	-74,24	-79,81	-68,43	-74,12	-78,13	-74,39	-76,26	-79,17	-70,83	-75,00
STD	169,25	46,59	105,94	135,18	137,86	126,03	252,63	323,90	84,76	525,94	158,67	190,61
STD (%)	13,87	2,42	6,74	4,45	2,90	3,23	8,12	8,89	2,51	7,14	1,54	2,16

CAL1AV	0,50		CAL2AV	0,32
CAL1MO	0,50		CAL2MO	0,32
CAL1AR	0,48		CAL2AR	0,39
CAL1TO	0,48		CAL2TO	0,34
CAL MOY	0,49		CAL MOY	0,34

Sensibilitee detecteurs	
DET 1	
DET 2	
DET 3	
DET 4	

PASSE	AVANT	MOTRICE	ARRIERE	TOTAL
6	6441,00	15178,00	13987,00	35606,00
ERR%	5,59	0,78	-1,64	0,64