

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 Est of the road 361

FILENAME V893016.I13 DISK ID 2nd half of the year 2001

BEGINNING DATE 07-01-2001 BEGINNING TIME 00:00

ENDING DATE 12-31-2001 ENDING TIME 00:00

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

COUNT DURATION 183 [] HOURS [☒] DAYS [] MONTHS

TYPE OF SENSOR: _____ ROAD TUBES 2 PIEZO CABLE

_____ PIEZO FILM 2 LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER/MODEL # TRD-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: OK

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Nathalie Languette ing. stag.</u>	PHONE# <u>(418) 644-9547</u>
DATE PREPARED <u>08-19-01</u>	rev. November 9, 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) _____

FILENAME C893016 I1B DISK ID 2nd half of the Year 2001

BEGINNING DATE 07-01-2001 BEGINNING TIME 00:00

ENDING DATE 12-31-2001 ENDING TIME 00:00

COUNT DURATION 183 [] HOURS [x] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA 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 BIN SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT X

EQUIPMENT MAKE/MODEL# IRD-1060

SENSOR TYPE 2 loops, 2 Piezo cable

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS: _____

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

COMMENTS OK except between the 09-28-2001 and the 11-14-2001 where a calibration was done.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Nathalie Levesque, ing. stag.</u>	PHONE <u>(418) 644-9547</u>
DATE PREPARED <u>08-19-2001</u>	revised November 11, 1999

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) _____

FILENAME W1892016.I7B DISK ID 2nd half of the Year 2001

BEGINNING DATE 07-01-2001 BEGINNING TIME 00:00

ENDING DATE 12-31-2001 ENDING TIME 00:00

COUNT DURATION 183 [] HOURS [✓] DAYS [] MONTHS

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

EQUIPMENT MAKE/MODEL# IRD 1060

SENSOR TYPE 2 loops and 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 12

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 used 10 passes of a test truck once a year or when necessary.

COMMENTS OK Except between the 09-28-2001 and the 10-14-2001 where the weight can be wrong particularly between the 09-28-2001 and the 10-04-2001.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Nathalie Lévesque ing. stag.</u>	PHONE <u>(418) 644-9547</u>
DATE PREPARED <u>08-19-2001</u>	revised February 21, 2000

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID [] *STATE CODE [89] *SHRP SECTION ID [3016]
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SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) 11/14/2001
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 JAN 13 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
☐ 10 PASSES PER TRUCK

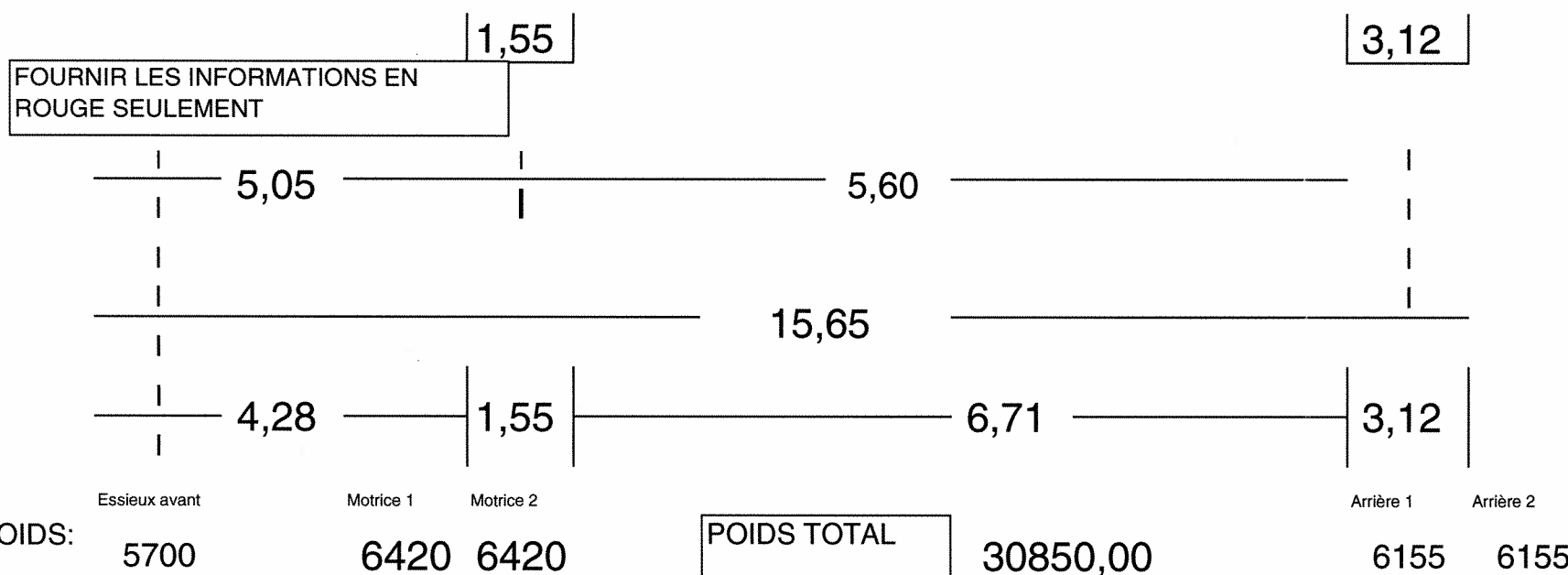
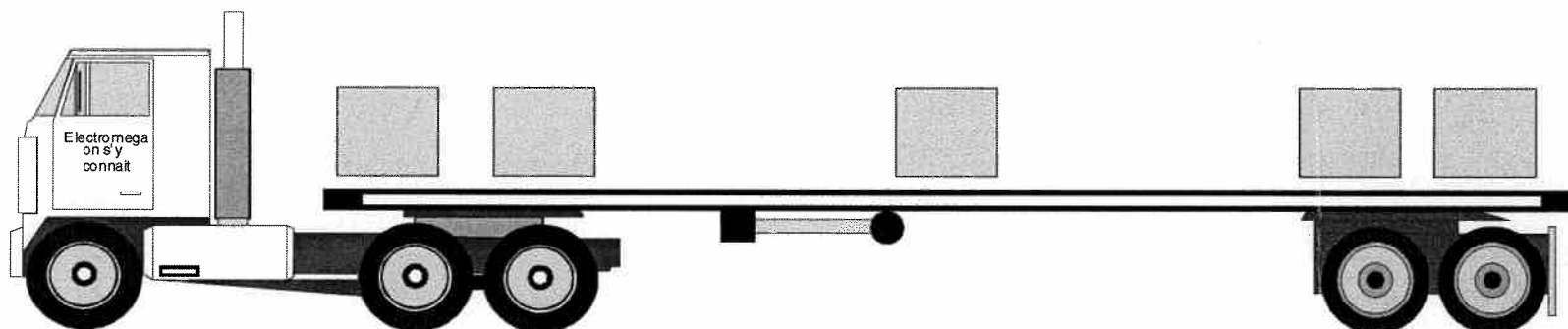
TYPE PER FHWA 13 BIN SYSTEM	1	TRUCK	TYPE	SUSPENSION
SUSPENSION: 1 - AIR; 2 - LEAF SPRING	2	<u>1</u>		<u>Air</u>
3 - OTHER (DESCRIBE)	3			
7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
 MEAN DIFFERENCE BETWEEN --
 DYNAMIC AND STATIC GVW _____ STANDARD DEVIATION _____
 DYNAMIC AND STATIC SINGLE AXLES _____ STANDARD DEVIATION _____
 DYNAMIC AND STATIC DOUBLE AXLES _____ STANDARD DEVIATION _____
8. 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) Free flow speed traffic
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) PIEZO 1: 0.89
PIEZO 2: 1.18
11. ** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) Y
 IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: 10 582

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: <u>Michael Mondor</u> CONTACT INFORMATION: <u>Charlotte Levesque, ag, stag.</u>	rev. November 9, 1999
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INFORMATIONS SUR VÉHICULE D'ÉTALLONAGE



893016 2001

DATE: 14-nov-01

DONNEES DU VEHICULE ETALON

POIDS		TOTAL	LONGUEUR TOTALE DU VEHICULE		15,65	MÈTRES	Sensibilitee detecteurs	
ESSIEUX	1	2	1+2	SÉPARATION ENTRE LES ESSIEUX			DET 1	
AVANT	5700		5700	avant	4,28		DET 2	0,00
MOTRICE	6420	6420	12840	motrice 1		1,55	DET 3	0,00
ARRIERE	6155	6155	12310	motrice 2			DET 4	0,00
TOTAL			30850	arrière 1				
CALF ancien	PIESO 1	PIESO 2		arrière 2		3,12		6,71
	0,50	0,50						
nouveau	0,89	1,18						

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	2485	2240	2362,50	3290	2616	3290	2616	5906,00	3282	2145	3282	2145	5427,00	15629,00	11762,00	13695,50
2	2569	2145	2357,00	3170	2679	3170	2679	5849,00	3182	2120	3182	2120	5302,00	15273,00	11743,00	13508,00
3	2806	2186	2496,00	3258	2480	3258	2480	5738,00	3295	2215	3295	2215	5510,00	15912,00	11576,00	13744,00
4	2757	2362	2559,50	3328	2482	3328	2482	5810,00	3203	2152	3203	2152	5355,00	15819,00	11630,00	13724,50
5	4137	3892	4014,50	5388	3891	5388	3891	9279,00	5177	3422	5177	3422	8599,00	25267,00	18518,00	21892,50
6	5493	5789	5641,00	5725	6519	6748	6489	12740,50	5749	5080	6339	5822	11495,00	30054,00	29699,00	29876,50
MOY	2950,80	2565,00	2757,90	3686,80	2829,60	3686,80	2829,60	6516,40	3627,80	2410,80	3627,80	2410,80	6038,60	17580,00	13045,80	15312,90
ERR %	-48,23	-55,00	-51,62	-42,57	-55,93	-42,57	-55,93	-49,25	-41,06	-60,83	-41,06	-60,83	-50,95	-43,01	-57,71	-50,36
STD	604,70	667,50	633,10	852,20	536,27	852,20	536,27	1382,38	775,83	506,57	775,83	506,57	1282,11	3849,73	2736,98	3290,87
STD (%)	20,49	26,02	22,96	23,11	18,95	23,11	18,95	21,21	21,39	21,01	21,39	21,01	21,23	21,90	20,98	21,49

CAL1AV	0,97	CAL2AV	1,11	RÉSULTATS DE LA PASSE FINALE	POIDS AVANT	POIDS MOTRICE	POIDS ARRIÈRE	POIDS TOTAL
CAL1MO	0,87	CAL2MO	1,13		5641,00	12740,50	11495,00	29876,50
CAL1AR	0,85	CAL2AR	1,28		-1,04	-0,77	-6,62	-3,16
CAL1TO	0,88	CAL2TO	1,18					
CAL MOY.	0,89	CAL MOY	1,18					