

SHEET 11 LTPP TRAFFIC DATA VOLUME DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[]
	*STATE CODE	[84]
	*SHRP SECTION ID	SHRP [1802]

HIGHWAY RT. NO. (THIS COUNT) 11 MILEPOST NO. (THIS COUNT) _____

LOCATION (THIS COUNT) 25 miles North of SHEDAC NEAR STE. ANNE DE KEN

FILENAME V841802.C1D DISK ID SHRP1TRAF HBDOT

BEGINNING DATE January 1, 2003 BEGINNING TIME 00:00

ENDING DATE June 30, 2003 ENDING TIME 23:00

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

COUNT DURATION 181 [] HOURS [~~4~~] DAYS [] MONTHS

TYPE OF SENSOR: _____ ROAD TUBES _____ PIEZO CABLE

_____ PIEZO FILM _____ LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER/MODEL # IRD 540

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 50.03 % (LANE #1)
(WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA)

SOURCE OF LTPP LANE DISTRIBUTION FACTOR ESTIMATE Yearly STAT. Summary - 200

COMMENTS: SEE SHEET 12 FOR 4 BIN CLASSIFICATION DATA
CORRESPONDING TO VOLUME FILE ABOVE.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>ED DERAAM</u>	PHONE# <u>506-453-5768</u>
DATE PREPARED <u>July 4, 2003</u>	rev. November 9, 1999

SHEET 11 LTPP TRAFFIC DATA VOLUME DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[]
	*STATE CODE	[84]
	*SHRP SECTION ID	SHRP [1802]

HIGHWAY RT. NO. (THIS COUNT) 11 MILEPOST NO. (THIS COUNT) _____

LOCATION (THIS COUNT) 25 MILES NORTH OF SHEDDAC NEAR Ste. Anne de Ken

FILENAME V841802.IID DISK ID SHRP\TRAF NB DOT

BEGINNING DATE July 1, 2003 BEGINNING TIME 0:00

ENDING DATE DECEMBER 31, 2003 ENDING TIME 23:00

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

COUNT DURATION 184 [] HOURS [] DAYS [] MONTHS

TYPE OF SENSOR: _____ ROAD TUBES _____ PIEZO CABLE

_____ PIEZO FILM (LOOPS) OTHER _____

EQUIPMENT MANUFACTURER/MODEL # IRD 540

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 50.03% (Lane #1)
 (WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA)

SOURCE OF LTPP LANE DISTRIBUTION FACTOR ESTIMATE Yearly Stat. Summary - 2002

COMMENTS: SEE SHEET 12 FOR 4 BIN CLASSIFICATION DATA
CORRESPONDING TO VOLUME FILE ABOVE.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>ED DERRAH</u>	PHONE# <u>506-453-5768</u>
DATE PREPARED <u>APRIL 1, 2004</u>	rev. November 9, 1999

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<p align="center">SHEET 12</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">CLASSIFICATION DATA</p> <p align="center">TRANSMITTAL FORM</p>	*STATE ASSIGNED ID	[_ _ _ _]
	*STATE CODE	[84]
	*SHRP SECTION ID	[1802]

NAME OF PREPARER George D. Thompson PHONE (506) 453-2754
DATE PREPARED April 5, 2004 revised November 11, 1999

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[]
	*STATE CODE	[04]
	*SHRP SECTION ID	[1002]

CLW Weights from WIM

HIGHWAY RT. NO. (THIS SESSION) 11

MILEPOST NO. OR LOCATION (THIS SESSION) 25 miles north of Shrediac near Ste Anne de Kent

FILENAME W1841002.MPD DISK ID SHRP WIMND001 St Anne

BEGINNING DATE Nov 27, 2003 BEGINNING TIME 00:00

ENDING DATE Dec. 31, 2003 ENDING TIME 23:00

COUNT DURATION 35 [] HOURS ☒ DAYS [] MONTHS

WEIGHT SCALE TYPE: PORT. WIM ☒ PERM. WIM [] OTHER []

EQUIPMENT MAKE/MODEL# IRD TTC 540 (with WIM card)

SENSOR TYPE Piezoelectric Road Sensors/Loops

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 CLASS SYSTEM.

METHOD OF CALIBRATION AND FREQUENCY: Using a control vehicle with known weights and dimensions. Frequency is once every test period.

COMMENTS []

SCANNED
FEB 11 2004

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>George D. Thompson</u>	PHONE <u>(506) 453-2754</u>
DATE PREPARED <u>April 5, 2004</u>	revised February 21, 2000

ENTERED FEB 13 2006

DM

<p align="center">SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY</p>	*STATE ASSIGNED ID	[0011]
	*STATE CODE	[04]
	*SHRP SECTION ID	[1802]

SITE CALIBRATION INFORMATION

- * DATE OF CALIBRATION (MONTH/DAY/YEAR) [11/26/2003]
- * 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 International Road Dynamics

WIM SYSTEM CALIBRATION SPECIFICS**

- **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	TRUCK	TYPESUSPENSION
SUSPENSION: 1 - AIR; 2 - LEAF SPRING	1	Tractor Air
3 - OTHER (DESCRIBE)	2	Trailer Spring
	3	

- SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
 MEAN DIFFERENCE BETWEEN ---
 DYNAMIC AND STATIC GVW ☐ 2.9 STANDARD DEVIATION 1816.65.11MS
 DYNAMIC AND STATIC SINGLE AXLES ☐ 1.5 STANDARD DEVIATION 258.85.6
 DYNAMIC AND STATIC DOUBLE AXLES ☐ 3.0 STANDARD DEVIATION 415.92.9 Does
 3.1 1270.07.8 NOT
 8. ☐ NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED

- DEFINE THE SPEED RANGES USED (MPH) 100

- CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 2.7

- ** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) Y
 IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: Auto cal on Class 9 & greater
steering axle - range 4500-5500 Kg's
 CLASSIFIER TEST SPECIFICS***

- *** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS: SCANNED
☐ VIDEO ☒ MANUAL ☐ PARALLEL CLASSIFIERS

- METHOD TO DETERMINE LENGTH OF COUNT ☒ TIME ☐ NUMBER OF TRUCKS

- MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:
 *** FHWA CLASS 9 0 FHWA CLASS 10 0
 *** FHWA CLASS 8 0 FHWA CLASS 13 0
 FHWA CLASS 0 0
 FHWA CLASS 0 0
 *** PERCENT "UNCLASSIFIED" VEHICLES: 0

PERSON LEADING CALIBRATION EFFORT: <u>Rickey M. Crandall C.E.T.</u>
CONTACT INFORMATION: <u>[Signature]</u>

rev. November 9, 1999

NOT ENTERED
 11MS
 Does
 NOT
 LOAD

DM
 Feb 13, 06

FEB 11 2009

ROUTE 11 WIM CALIBRATION DATA ANALYSIS

2003
26-Nov

Run#	STEERING	DRIVES		TRAILOR		STEERING	DRIVES	TRAILOR	G.V.W
1	4800	8200	7300	9800	8400	4800	15500	18200	38500
2	4400	7100	7400	7800	7400	4400	14500	15200	34100
3	4600	7300	7300	8500	7600	4600	14600	16100	35300
4	5100	7500	7400	8600	8100	5100	14900	16700	36700
5	4700	7600	7600	9600	8400	4700	15200	18000	37900

mean	4720	14940	16840	36500
st.deviatn	258.8	415.9	1270.0	1816.6
static scale	4650	14500	16326	35476
% diff.	-1.5054	-3.0345	-3.1484	-2.8865

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