

SHEET 11 LTPP TRAFFIC DATA  VOLUME DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[ ]
	*STATE CODE	[84]
	*SHRP SECTION ID	SHRP [1684]

HIGHWAY RT. NO. (THIS COUNT) 7 MILEPOST NO. (THIS COUNT) \_\_\_\_\_

LOCATION (THIS COUNT) C.S. 58, 0.9 mile south of NEVERS ROAD UNDERPASS

FILENAME V841684.CIF DISK ID SHRP\TRAF NBDOT

BEGINNING DATE JANUARY 1, 2005 BEGINNING TIME 00:00

ENDING DATE MARCH 31, 2005 ENDING TIME 23:00

TYPE OF COUNT: TWO-WAY ☒ ONE-WAY \_\_\_\_\_ LTPP LANE \_\_\_\_\_

COUNT DURATION 90 [ ] 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 40.92% (LANE #1)  
 (WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA)

SOURCE OF LTPP LANE DISTRIBUTION FACTOR ESTIMATE YEARLY STAT. SUMMARY 2004

COMMENTS: SEE SHEET 12 FOR 4 BIN CLASSIFICATION DATA

FOR 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>JULY 8, 2005</u>	rev. November 9, 1999

\* Entered  
June 30, 2006

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[_____]
	*STATE CODE	[84]
	*SHRP SECTION ID	[1684]

SITE CALIBRATION INFORMATION

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [06/22/2005]
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) 2.12' Class I piezos
5. EQUIPMENT MANUFACTURER INTERNATIONAL Road Dynamics WIM1070

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

TRF-9.

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

10 PASSES PER TRUCK  
TRUCK TYPESUSPENSION

1	<u>Air</u>	_____
2	_____	_____
3	_____	_____

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)  
MEAN DIFFERENCE BETWEEN --  
DYNAMIC AND STATIC GVW 2.1466  
DYNAMIC AND STATIC SINGLE AXLES 0.8849  
DYNAMIC AND STATIC DOUBLE AXLES 5.415  
STANDARD DEVIATION 3.7  
STANDARD DEVIATION 7.3  
STANDARD DEVIATION 3.7  
*See attached Data Calibration Analysis  
7/2/2007  
M updated Calcs*
8. 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 60
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 2.0
- 11.\*\* IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) 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 SCANNED
14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:  
\*\*\* FHWA CLASS 9 0 FHWA CLASS \_\_\_\_\_  
\*\*\* FHWA CLASS 8 0 FHWA CLASS \_\_\_\_\_  
FHWA CLASS \_\_\_\_\_  
FHWA CLASS \_\_\_\_\_  
FHWA CLASS \_\_\_\_\_  
\*\*\* PERCENT "UNCLASSIFIED" VEHICLES: \_\_\_\_\_
- Re-*  
**FEB 11 2009**

PERSON LEADING CALIBRATION EFFORT: Rickey M. Granda II C.E.T.

CONTACT INFORMATION: R.K.C. 506-453-2754 rev. November 9, 1999

ROUTE 7 CALIBRATION DATA ANALYSIS  
2005 (JUNE 22)

Run#	STEERING	DRIVES	TRAILOR				Single STEERING	Tandem DRIVES	Tandem TRAILOR	G.V.W
1	4225	6940	7874	7817	7568	7756	4225	14814	23141	42180
2	4184	7292	7038	8062	7764	7907	4184	14330	23733	42247
3	4203	6594	7372	7878	7826	7324	4203	13966	23028	41197
4	4827	7154	7162	7769	7698	7805	4827	14316	23272	42415
5	4613	7467	8132	7792	7567	7829	4613	15599	23188	43400
6	4750	7691	7914	7671	7550	7555	4750	15605	22776	43131
7	5103	7496	7588	7636	7756	7767	5103	15084	23159	43346
8	5083	7603	7715	7720	8114	7764	5083	15318	23598	43999
9	4659	7349	7248	7413	7701	7420	4659	14597	22534	41790
10	4838	7191	7206	7193	7466	7574	4838	14397	22233	41468
mean							4649	14803	23066	42517
* st.deviatn							362.0	592.4	369.2	893.4
static scale							4690	15650	23110	43450
* % diff.							0.8849	5.4147	0.1895	2.1466

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