

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	*STATE ASSIGNED ID	[_ _ _ _]
	*STATE CODE	[90]
	*SHRP SECTION ID	[6410]

1. ANNUAL TRAFFIC ESTIMATES

*YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT LTPP LANE	*ESTIMATED TOTAL TRUCKS AADT LTPP LANE	*ESTIMATED ESAL=S/YR LTPP LANE (1000'S)
<u>2005</u>	<u>7176</u>	<u>1077</u>	<u>3573</u>	<u>538</u>	<u>511</u>

2. METHOD FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY)

- ☒ Growth factored last year=s estimate. (6)
☐ Estimated based on volume counts at nearby locations. (3)
☐ Used computerized network analyses. (4)
☐ Factored a single count taken this year at the LTPP site. (1)
☐ Average multiple counts taken this year at the LTPP site. (2)
☐ Average and factored multiple count taken this year at the LTPP site. (5)
☐ Used flow maps. (7)
☐ Other: (8) _____

3. METHOD FOR ESTIMATING TOTAL TRUCK AADT (TWO-WAY)

- ☐ Used system averages from counts taken this year. (6)
☐ Used count data from nearby sites. (3)
☐ Used count data from previous years at the LTPP site. (7)
☒ Used system averages from previous years. (8)
☐ Used computerized network analyses. (4)
☐ Used a single count taken this year at the LTPP site. (5)
☐ Factored a single count taken this year at the LTPP site. (1)
☐ Averaged multiple counts taken this year at the LTPP site. (2)
☐ Other: (9) _____

4. METHOD FOR ESTIMATING TOTAL VEHICLES LTPP LANE AADT

- ☐ System distribution factors. (2)
☐ Based on actual lane count data. (1)
☒ Other: (3) Growth factor

*5. METHOD FOR ESTIMATING TOTAL TRUCKS, LTPP LANE, AADT

- ☐ System distribution factors. (2)
☐ Based on actual lane data count. (1)
☒ Other: (3) Growth factor

*6. METHOD FOR ESTIMATING ESAL//YEAR IN LTPP LANE

- ☒ ESAL/Truck factor (1)
☐ ESAL/Vehicle class. (2) (No. of classes)
☐ ESAL/Axle(3) Sing. ____ Tand. ____ Tri. ____
☐ Other: (4) _____

7. ESAL ESTIMATES - SOURCE OF DATA

- ☐ Weight data collected at LTPP site prior years. (2)
☐ Weight data from system averages this year. (3)
☒ Weight data from system averages prior years. (4)
☐ Weight data from historic W-4 Tables used. (5)
☐ Other: (6) _____

8. WEIGHT SCALE TYPE

- ☐ WIM scale. (1)
☐ Static scale used for enforcement. (2)
☒ Static scale not used for enforcement. (3)
☐ Other: (4) _____

NAME OF PREPARER Abida Ikram.
 DATE PREPARED JUL 06/09

PHONE# _____

TABLE 2 - SASKATCHEWAN TRAFFIC ESTIMATES (SHEET 10 DATA) LOADED IN THE DATABASE

STATE _CODE	SHRP	Site Info	YEAR _MON EST	R	AADT	TRUC K AADT	AADT GPS LANE	TRUCK AADT GPS LANE	TRUCK AADT GPS LANE*365	AVC	WIM	ESAL's/Y R (X's 1000)	% TRAFFIC ON GPS LANE	% TRUCK TRAFFIC ON GPS LANE	% TRUCKS	% TRUCKS ON GPS LANE	ESAL'S/ TRUCK
			2006		3128	474	1563	237	86566	87658		225	50.0	50.0	15.2	15.2	2.6
			2007		3253	493	1626	247	90029			234	50.0	50.0	15.2	15.2	2.6
			2008		3383	513	1691	257	93630			243	50.0	50.0	15.2	15.2	2.6
90	6410	P-11 NB	1990	E	4600	690	2070	345	125925			315	45.0	50.0	15.0	16.7	2.5
90	6410	4 lane road	1991	E	4744	712	2362	356	129940		186953	342	49.8	50.0	15.0	15.1	2.6
					3%	3%	14%	3%									
			1992							156235	116063						
			1993							133304	111981						
			1994							137580	100396						
			1995							150248	135300						
			1996							174852	153529						
			1997							184149	165578						
			1998							187112	164208						
			1999							189317	165051						
			2000							201115	184404						
			2001							197539	177666						
			2002							203431	200293						
		Use 3%	2003		6764	1015	3368	508	185263	3%	2%	482	49.8	50.0	15.0	15.1	2.6
			2004		6967	1046	3469	523	190821			496	49.8	50.0	15.0	15.1	2.6
			2005		7176	1077	3573	538	196546	200509	194308	511	49.8	50.0	15.0	15.1	2.6
			2006														
90	6412	RT-11 NB	1990	E	4600	690	2070	345				315	45.0	50.0	15.0	16.7	2.5
90	6412	4 lane road	1991	E	4744	712	2362	356				341	49.8	50.0	15.0	15.1	2.6
90	6420	RT-9 SB 2 lane road	1990	D	555	72	278	36				76	50.1	50.0	13.0	12.9	5.8
90	6420		1991	D	569	74	278	36				86	48.9	48.6	13.0	12.9	6.5
90	6420		1992	D	586	76	293	38				97	50.0	50.0	13.0	13.0	7.0
90	6420		1993	D	580	75	290	38				103	50.0	50.7	12.9	13.1	7.4
90	6420		1995	E	756	98	378	49				57	50.0	50.0	13.0	13.0	3.2
90	6420		1996	E	795	103	397	52				61	49.9	50.5	13.0	13.1	3.2
90	6420		2002	E	626	120	313	60				70	50.0	50.0	19.2	19.2	3.2
90	6420		2004	E	661	120	330	60				68	49.9	50.0	18.2	18.2	3.1
90	6801	P-9 SB 2 lane road	1990	D	906	118	453	59	21535			100	50.0	50.0	13.0	13.0	4.6
90	6801		1991	D	866	113	433	56	20440			105	50.0	49.6	13.0	12.9	5.1
90	6801		1992	D	993	129	497	65	23725			131	50.1	50.4	13.0	13.1	5.5
DAOFR-77			1993		949	123	475	62	22630	21361		81	50.0	50.3	13.0	13.1	3.6
			1994		905	118	453	59	21535	24946	17%	78	50.0	50.2	13.0	13.0	3.6
			1995		860	112	430	56	20440	23481	-6%	74	50.0	50.1	13.0	13.0	3.6
90	6801		1996	D	816	106	408	53	19345			62	50.0	50.0	13.0	13.0	3.2
90	6801		1997	E	919	119	459	59	21535	21414		70	49.9	49.6	12.9	12.9	3.3
DAOFR-77			1998		874	115	436	57	20805	14102		67	49.9	49.7	13.1	13.1	3.2
			1999		829	111	414	55	20075	13518		64	49.9	49.7	13.3	13.3	3.2
			2000		783	106	391	53		16470	17202						
			2001		738	102	369	51		19953	17224						

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[1108]
	*STATE CODE	[90]
	*SHRP SECTION ID	[6410]

HIGHWAY RT. NO. (THIS COUNT)

Highway No. 11

Grasswood 5

-

MILEPOST NO. OR LOCATION (THIS COUNT)

CS 11-08 km 29.5

-

FILENAME *C906410.C25* DISK ID _____

BEGINNING DATE *01/01/05* BEGINNING TIME *00:00*

ENDING DATE *01/31/05* ENDING TIME *23:00*

COUNT DURATION *1* [] HOURS [] DAYS [*+*] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA ☒ 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 BIN SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT ☒

EQUIPMENT MAKE/MODEL# *IRD*

SENSOR TYPE *Piezoelectric Class 1*

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OF CLASS GROUPS)

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u><i>Tom Anderson</i></u>	PHONE# <u><i>306 282 8334</i></u>
DATE PREPARED <u><i>JUNE 28/2005</i></u>	revised November 11, 1999

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[1108]
	*STATE CODE	[90]
	*SHRP SECTION ID	[6410]

HIGHWAY RT. NO. (THIS COUNT) Highway No. 11 Grasswood S.

MILEPOST NO. OR LOCATION (THIS COUNT) CS 11-08 km 29.5

FILENAME C906410.D25 DISK ID _____

BEGINNING DATE 02/01/05 BEGINNING TIME 00:00

ENDING DATE 02/28/05 ENDING TIME 23:00

COUNT DURATION 1 [] HOURS [] DAYS [☒] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA ☒ 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 BIN SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT ☒

EQUIPMENT MAKE/MODEL# IRD

SENSOR TYPE PIEZO CLASS 1

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OF CLASS GROUPS)

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Tom Anderson</u>	PHONE# <u>306 282 8334</u>
DATE PREPARED <u>JUNE 28/2005</u>	revised November 11, 1999

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[1108]
	*STATE CODE	[90]
	*SHRP SECTION ID	[6410]

GRA35W000 S.

HIGHWAY RT. NO. (THIS COUNT) Highway NO. 11

MILEPOST NO. OR LOCATION (THIS COUNT) CS 11-09 km 29.5

FILENAME C 906410.F25 DISK ID _____

BEGINNING DATE 03/01/05 BEGINNING TIME 00:00

ENDING DATE 03/31/05 ENDING TIME 23:00

COUNT DURATION 1 [] HOURS [] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA ☒ 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 BIN SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT ☒

EQUIPMENT MAKE/MODEL# IRD

SENSOR TYPE PiezO CLASS 1

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OF CLASS GROUPS)

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Tom ANDERSON</u>	PHONE# <u>306 282 8334</u>
DATE PREPARED <u>JUNE 28/2005</u>	revised November 11, 1999

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[1108]
	*STATE CODE	[90]
	*SHRP SECTION ID	[6410]

GRASSWOOD S.

HIGHWAY RT. NO. (THIS SESSION) Highway No. 11

MILEPOST NO. OR LOCATION (THIS SESSION) CS 11-08 km 29.5

FILENAME W906410.C25 DISK ID _____

BEGINNING DATE 01/01/05 BEGINNING TIME 00:00

ENDING DATE 01/31/05 ENDING TIME 23:00

COUNT DURATION 1 [] HOURS [] DAYS [1] MONTHS

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

EQUIPMENT MAKE/MODEL# IRD

SENSOR TYPE Piez0 - class 1

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:

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Tom ANDERSON</u>	PHONE# <u>306 787 8334</u>
DATE PREPARED <u>JUNE 28/2005</u>	revised February 21,2000

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[1108]
	*STATE CODE	[90]
	*SHRP SECTION ID	[6910]

GRASSWOOD S.

HIGHWAY RT. NO. (THIS SESSION) Highway No. 11

MILEPOST NO. OR LOCATION (THIS SESSION) CS 11-08 km 29.5

FILENAME W 906910.D25 DISK ID _____

BEGINNING DATE 02/01/05 BEGINNING TIME 00:00

ENDING DATE 02/28/05 ENDING TIME 23:00

COUNT DURATION 1 [] HOURS [] DAYS [☒] MONTHS

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

EQUIPMENT MAKE/MODEL# IRD

SENSOR TYPE Piez0 - class 1

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:

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Tom ANDERSON</u>	PHONE# <u>306 787 8334</u>
DATE PREPARED <u>JUNE 28/2005</u>	revised February 21, 2000

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[1108]
	*STATE CODE	[90]
	*SHRP SECTION ID	[6410]

GRASSWOOD 5.

HIGHWAY RT. NO. (THIS SESSION) Highway No. 11

MILEPOST NO. OR LOCATION (THIS SESSION) CS 11-08 km 29.5

FILENAME W 906410.E25 DISK ID _____

BEGINNING DATE 03/01/05 BEGINNING TIME 00:00

ENDING DATE 03/31/05 ENDING TIME 23:00

COUNT DURATION 1 [] HOURS [] DAYS [☒] MONTHS

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

EQUIPMENT MAKE/MODEL# IRD

SENSOR TYPE Piez - class 1

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:

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Tom ANDERSON</u>	PHONE# <u>306 787 8334</u>
DATE PREPARED <u>JUNE 28/2005</u>	revised February 21,2000

Grass wren South

first $\frac{1}{4}$
WIM
Data

PHONE NO. (306) 787-3171

[illegible]