



Traffic Reports User Documentation

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1 Introduction

Traffic data collection is a worldwide activity used to determine current traffic patterns and to help forecast traffic trends. The BC Ministry of Transportation and Infrastructure, like most traffic agencies, collects several types of traffic data: volume, speed, length, axle class, and weigh-in-motion (WIM).

BC's traffic data is currently being managed using Jackalope, an analysis and storage system by High Desert Traffic. Previously BC's traffic data was managed with TRADAS by Chaparral Systems Corp. Jackalope and TRADAS are systems which process, store and report traffic data. Both systems have been used by many States and are based on the US Federal Highways Administration's (FHWA) guidelines for recording traffic data and reporting statistics.

This document is intended to explain the terms and concepts involved in understanding the Jackalope and TRADAS standard reports. Jackalope reports came into use for BC starting in year 2019. Older traffic data will be in the TRADAS report format.

2 Background

Roadway design and traffic planning is typically based on the following types of data:

- Vehicle volumes,
- Vehicle classification by length or axles,
- Vehicle speed, and
- Vehicle weight.

The configuration of sensors in a lane affects the data types available for collection. BC uses inductive loops, pneumatic hoses, and piezoelectric strips.

Inductive loops detect the metal content of a vehicle. A single loop can measure volume in a lane while a pair of loops can measure length and speed. Pneumatic hoses (for temporary counts) and piezoelectric strips (for permanent counts) detect vehicle axles and can measure volume and speed much as loops do. Piezoelectric strips can also estimate the load on an axle and are used in weigh-in-motion sites in conjunction with loops.

3 Traffic Reports Terminology

3.1 Traffic Statistics Terminology

AADT (Annual Average Daily Traffic): Represents an average of the number of vehicles travelling past a traffic measurement site location in a day for a given year. This value is calculated as the average of the AADW's for that year.

AADW (Annual Average Day of Week): This statistic represents the average number of vehicles travelling past a traffic measurement site location on a given day of the week in a given year. There are seven AADWs, one for each day of the week. This value is calculated as the average of all MADW's.

AAWDT (Annual Average Weekday Traffic): This statistic represents the average number of vehicles travelling past a traffic measurement site location on a given weekday in a given year. The value is calculated as the average of the MAWDT's for that year. Fridays are excluded from the calculation as they tend to have traffic patterns that do not match other weekdays.

AAWET (Annual Average Weekend Traffic): This statistic represents the average number of vehicles travelling past a traffic measurement site location on a given weekend day (Saturday and Sunday) in a given year. The value is calculated as the average of the MAWET's for that year.

Axle Class: The axle classes used in BCMoT reports are shown in the table below. FHWA – 14 is the FHWA 13-bin classification plus a 14th class for vehicles which, for whatever reason, could not be matched to an existing classification.

Table 1: FHWA-14 Axle/Vehicle Classes

Bin	# of Axles	Bin Category Name	Bin	# of Axles	Bin Category Name
1	2	Motorcycles	8	3-4	Four or fewer axles, single trailer trucks
2	2-4	Passenger Cars (with or without trailers)	9	5	Five axles, single trailer trucks
3	2-5	Other two axle, 4 tire vehicles (with or without trailers)	10	6-10	Six or more axles, single trailer trucks
4	2-3	Buses	11	5	Five axles, multi-trailer trucks
5	2-5	Two axles, 6 tires, single trailer trucks	12	6	Six axles, multi-trailer trucks
6	3	Three axles, single unit trucks	13	7-13	All other vehicles
7	4	Four axles, single unit trucks	14	-	Unclassified

Axle Weights: Individual axle weights are measured at weigh-in-motion (WIM) sites.

Average Speed: The average of all vehicle speeds from a data set.

Consistent Traffic Distribution: Traffic volumes remain consistent (i.e. CoV<15%) throughout the year. Refer to Figure 5 in Appendix A.

County: TRADAS was developed primarily for US clients. As a result, some fields such as County are unused in BC.

CoV (Coefficient of Variation): This value is used to measure the variance in traffic over the course of a year. The value is calculated as the standard deviation of MADT's divided by the average of MADT's.

DAF (Daily Average Factor): This value shows the relationship between the MADW and the MADT. It is calculated by dividing the MADT by the MADW.

Factor Groups: Groupings of permanent traffic measurement sites based on shared traffic pattern characteristics to generate factors. Sites are grouped into one of three categories based on the Coefficient of Variation (CoV). Refer to Figure 5 in Appendix A.

- **Consistent:** $CoV < 15\%$
- **Seasonal:** $15\% < CoV < 33\%$
- **Highly Seasonal:** $CoV > 33\%$

Factors: Values which are calculated based on permanent site data and used to expand raw short count data into annual statistics. Types of factors include:

- **Seasonal Factors:** Intended to compensate for the difference between the MADT and the AADT or SADT.
- **Daily Factors:** Intended to compensate for the difference between the MADW and the MADT. There are daily factors for each day of the week and for each month of the year.

Functional Class: This is not used in BC. Roads and highways can be grouped according to the type of service they are intended to provide.

Highly Seasonal Traffic Distribution: Traffic volumes increase significantly (i.e. $CoV > 33\%$) at a specific time of year, typically during the summer months (July and August). Refer to Figure 5 in Appendix A.

Length Bins: Vehicles are classified by length using certain measurement ranges (Bins). BC's length binning scheme standard is as follows in Table 2.

Table 2: BCMoT TDP Standard Length Bins

Bin	Range (m)	Vehicle Class Descriptions
1	0.0 – 6.0	Motorcycles (FHWA 13 axle class 1), passenger cars (class 2), and light single unit trucks (class 3)
2	6.0 – 12.5	Buses (class 4), two axle, 6 tire single unit trucks (class 5), three axle single unit trucks (class 6), four axle single unit trucks (class 7)
3	12.5 – 22.5	4 or less axles, single trailer truck (class 8); five axle single trailer truck (class 9); six or more axle single trailer truck (class 10)
4	22.5 – 35.0	B-trains (class 8, 9, 10), five axle multi trailer truck (class 11), six axle multi trailer truck (class 12), seven axle, multi trailer truck (class 13)
5	35.0 – 999.0	Multi-Trailer (class 13)

MADT (Monthly Average Daily Traffic): Refers to the average daily traffic volume for a given month calculated as the average of that month's MADW's.

MADW (Monthly Average Day of Week): Refers to the average daily traffic volume for each day of the week in a given month. There are seven MADW statistics for each month.

MAWDT (Monthly Average Weekday Traffic): Refers to the average daily traffic calculated from Monday to Thursday over a one-month period. Fridays are excluded from the calculation as they tend to have traffic patterns that do not match other weekdays.

MAWET (Monthly Average Weekend Traffic): Is the average daily traffic volume calculated from data collected on weekend days (i.e. Saturdays to Sundays) over a one-month period.

Median Speed: Middle value in the speed distribution.

NDAYS (Number of Days): Count of the number of days of data used in deriving summary statistics.

Negative Direction: South or West traffic flow directions.

Neg n : Refers to lane number in either the South or West directions where n is an integer starting from 1. Neg 1 corresponds to the outer-most lane and increasing numbers indicate lanes approaching the centreline. Refer to Figures 3 and 4 in Appendix A.

Permanent Sites Statistics: Summary statistics that are calculated based on data collected at a permanent traffic measurement site.

Positive Direction: North or East traffic flow directions.

Pos n : Refers to lane number in either the North or East directions where n is an integer starting from 1. Pos 1 corresponds to the outer-most lane and increasing numbers indicate lanes approaching the centreline. Refer to Figures 3 and 4 in Appendix A.

Roadway: Refers to all lanes in both directions at a traffic measurement site.

SADT (Summer Average Daily Traffic): Refers to the average number of vehicles travelling past a traffic measurement site location in a day during July and August for a given year. This value is calculated as the average of the SADW's for that year.

SADW (Summer Average Day of Week): Refers to the average number of vehicles travelling past a traffic measurement site location on a given day of the week in July and August, for a given year. There are seven SADWs, one for each day of the week. This value is calculated as the average of the MADWs for July and August.

Seasonal Traffic Distribution: Traffic volumes increase slightly (i.e. CoV 15% to 33%) at a specific time of year, typically during the summer months (July and August). Refer to Figure 5 in Appendix A.

Short Counts: Traffic counts taken with temporary traffic counting devices for a minimum of 48 hours. To produce an AADT from a short count the counts are factored based on the month and days of the week that the count took place. Factors used depend on the type of traffic distribution of the area (i.e. consistent, seasonal or highly seasonal, see *Factor Groups*).

Site (Traffic Measurement Site): Location where data from one or more Traffic Measurement Stations represents a cross-section of roadway. Refer to Figures 3 and 4 in Appendix A.

Site Name: Name given to the Traffic Measurement Site.

Speed Bins: Refers to an increment of speed at which vehicles are travelling when they traverse a traffic counter. The BC Traffic Data Program uses one of the following three speed binning schemes based on the posted speed limit at the traffic measurement site:

BC 50 – 70 (50 – 70km/h posted speed)	
Bin	Speed (km/h)
1	0 – 30
2	30.1 – 40
3	40.1 – 50
4	50.1 – 55
5	55.1 – 60
6	60.1 – 65
7	65.1 – 70
8	70.1 – 75
9	75.1 – 80
10	80.1 – 85
11	85.1 – 90
12	90.1 – 100
13	100.1 – 110
14	110.1 – 999.9

BC 80 – 90 (80 – 90km/h posted speed)	
Bin	Speed (km/h)
1	0 – 35
2	35.1 – 50
3	50.1 – 60
4	60.1 – 70
5	70.1 – 75
6	75.1 – 80
7	80.1 – 85
8	85.1 – 90
9	90.1 – 95
10	95.1 – 100
11	100.1 – 105
12	105.1 – 110
13	110.1 – 120
14	120.1 – 999.9

BC 100 – 110 (100 – 110km/h posted speed)	
Bin	Speed (km/h)
1	0 – 45
2	45.1 – 60
3	60.1 – 70
4	70.1 – 80
5	80.1 – 85
6	85.1 – 90
7	90.1 – 95
8	95.1 – 100
9	100.1 – 105
10	105.1 – 110
11	110.1 – 115
12	115.1 – 120
13	120.1 – 130
14	130.1 – 999.9

STD (Standard Deviation): Measure of the dispersion or variation of the data from the average. This is used in the MVO2 report to describe the relationship between each individual MADW and the MADT, calculated as $MADT/MADW$. This can also be used to expand a given MADW to the MADT, calculated as $MADW * STD = MADT$.

% AADT (Annual Average Daily Traffic): Percent volume of the total Annual Average Daily Traffic (i.e. 70 would indicate that the number provided represents 70% of the AADT).

% Change: Represents the percentage change in value when compared to the previous year (i.e. volume of 100 in 2007 compared to a volume of 104 in 2008 represents a 4% change).

% Length: Represents the percentage of total vehicles that correspond to a certain length bin.

% POS: Percentage of vehicles in the lanes going in the positive direction of travel (i.e. North or East)

% over 'X': A measurement used in speed distribution reports, which indicates the percentage of vehicles travelling above specified speed, (i.e. 'X').

85%ile (85th Percentile): Given value in a data set where 85% of the data in the set is smaller than the given value.

3.2 Weigh in Motion Terminology

Bridge Violations: Bridge Violations occur when a truck passes over a bridge with a load concentrated over a smaller length than is allowable (i.e. short and heavy truck). Violations are determined using a formula which uses length between axles, and number of axles over the length. If the calculated weight (from formula below) exceeds the maximum allowable weight for the axles, the truck is in violation of the allowable bridge weight.

$$W = 500 \left[\frac{LN}{N-1} + 12N + 36 \right]$$

W = the overall weight on any group of two or more consecutive axles to the nearest 500 pounds

L = distance in feet between the outer axles of any group of two or more consecutive axles

N = the number of axles in the group under consideration

ESAL (Equivalent Standard Axle Load): The number of equivalent 18,000 pound (8,200 kg) single axle loads.

- **Flex ESAL:** ESAL for flexible pavements (asphalt concrete, flexible surface). This is calculated using the Serviceability and Structural Number for the asphalt described below.
- **Serviceability:** The serviceability shown at the bottom of certain WIM reports is the rating of the Present Serviceability Index (rideability). The PSI of 2.5 from the reports is commonly considered to the terminal serviceability index (TSI), where the pavement is considered to have failed.
- **Structural Number (SN):** This is the design strength value (structural capacity for the anticipated loading) for asphalt. A SN of 5 is the design structural number for asphalt design.
- **Rigid ESAL:** ESAL for rigid pavements (concrete, rigid surface). It is calculated using standard Serviceability and Structural Number described below.
- **Serviceability:** Same as Flex Serviceability (see above)
- **Depth:** Refers to the depth of the rigid slab, in inches. Depth is a design parameter for rigid pavements and is a factor in calculated the ESAL affecting rigid pavements. A depth of 9" (230mm) is used in calculating the Rigid ESAL.

GVW (Gross Vehicle Weight): The total weight of the vehicle, recorded in kips (1kip = 1000lbs).

Overweight Violation Parameters: Maximum weights for axles and vehicle.

Parameter Name	Value Description	Value
Overweight Single Axle	Legal load limit in thousands of pounds for a single axle. Used in overweight vehicle reports.	20
Overweight Tandem Axle	Legal load limit in thousands of pounds for a tandem axle group. Used in overweight vehicle reports.	34
Overweight Tridem Axle	Legal load limit in thousands of pounds for a tridem axle group. Used in overweight vehicle reports.	55
Overweight Quad Axle	Legal load limit in thousands of pounds for a quad axle group. Used in overweight vehicle reports.	70
Overweight Vehicle	The maximum legal load limit in thousands of pounds for a single truck. Used in overweight vehicle reports.	80

4 Report Descriptions

Traffic reports are divided into three timeframe categories:

- Annual Reports which display summary statistics for a given year,
- Monthly Reports which display summary statistics for a given month, and
- Daily Reports which display raw data for each day of the year.

Collecting data for each of these timeframes allows traffic agencies to identify short, medium, and long-term trends in traffic patterns and characteristics.

Samples of each type of annual, monthly, and daily reports are provided in this section. As well, a statistics matrix (4.1) which allows users to identify which reports contain certain traffic statistics is included.

4.1 Traffic Reports Statistics Matrix

The matrices below identify traffic statistics found in the reports. The statistics are described in section 3 above (Traffic Reports Terminology). Figure 1 is for data older than year 2019. Figure 2 is for data of year 2019 forward.

Type / Data		BCMOT Traffic Reports																											
		Annual								Monthly							Daily												
		AC01	AL01	AL02	AS01	AV01	AV02	AV03	AV04	AW01	MC01	ML01	ML02	MS01	MV02	MV03	MV04	MW01	DC01	DC11	DC12	DL01	DS01	DV01	DV03	DV03S	DW01	DW10	DW11
Site Type	Perm Sites	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓						
	Short Count Sites																	✓	✓	✓		✓	✓	✓	✓				
	WIM Sites	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓			✓	✓	✓	
Volume Type	Annual	✓	✓	✓	✓	✓	✓	✓	✓																				
	Monthly						✓			✓	✓	✓	✓	✓		✓	✓												
	Daily						✓		✓					✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓		
	Hourly							✓	✓						✓	✓			✓	✓				✓	✓				
Traffic Statistic	Length		✓								✓										✓								
	% Length			✓								✓																	
	Speed				✓								✓										✓						
	% Speed				✓								✓										✓						
	AADT	✓	✓	✓	✓	✓	✓																		✓	✓			
	AADW								✓																				
	% AADT							✓																					
	AAWDT					✓	✓																						
	AAWET					✓	✓																						
	MADT						✓			✓	✓	✓	✓	✓															
	MADW						✓							✓		✓													
	MAWDT						✓							✓															
	MAWET						✓							✓															
	% POS						✓	✓																					
	% Change					✓																							
	Axle Class	✓								✓	✓							✓	✓	✓	✓						✓	✓	✓
	Axle Weights																											✓	
	ESAL (Rigid/Flex)									✓								✓									✓		
	GVW									✓								✓									✓	✓	✓

Figure 1: Traffic Reports Statistics Matrix - For Years Prior to 2019

Type / Data		BCMoT Traffic Reports															
		Annual						Monthly						Daily			
		AC01P	AL01P	AS01P	AV02P	AV03P	AV04P	MC01P	ML01P	MS01P	MV01P	MV03P	MV04P	DC05B	DC06B	DV01RE	DV06S
Site Type	Perm Sites	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	
	Short Count Sites													✓	✓		✓
	WIM Sites	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	
Volume Type	Annual	✓	✓	✓	✓	✓	✓										
	Monthly				✓			✓	✓	✓	✓		✓				
	Daily				✓	✓					✓	✓	✓	✓		✓	✓
	Hourly					✓	✓					✓	✓	✓	✓		✓
Traffic Statistic	Length		✓						✓								
	% Length		✓						✓								
	Speed			✓						✓							
	% Speed			✓						✓							
	AADT	✓	✓	✓	✓												✓
	AADW					✓											
	% AADT						✓										
	AAWDT				✓												
	AAWET				✓												
	MADT				✓			✓	✓	✓	✓						
	MADW				✓						✓		✓				
	MAWDT				✓						✓						
	MAWET				✓						✓						
	% POS				✓		✓										
	% Change																
	Axle Class	✓						✓						✓	✓		
	Axle Weights																
	ESAL (Rigid/Flex)																
	GVW																

Figure 2: Traffic Reports Statistics Matrix - For years 2019 forward

4.2 Generic Report (Standard Output)

The following report is a generic version of the traffic reports. It contains the information commonly displayed on many of the reports.

Generic Report Formatting

British Columbia Ministry of Transportation

Annual Length Distribution for 2007

'County' does not apply to BCMoT reports. Text field used to display posted speed instead.

'Funct.' does not apply to BCMoT reports

Report Name

Site Names: Cheekye - P-15-3NS - N, P-15-3NS

County: Posted Speed = 90 kph

Funct.

Location: Route 99 At South End Of Cheekye River Bridge Approx. 10.0 Km North Of Squamish

DATA OUTPUT

4.3 Annual Class Report (AC01)

This report provides a summary of annual averages for each axle classification.

Pacific Crossing (WIM) 2008 AC01 Report

BC Ministry of Transportation and Infrastructure

Annual Class Distribution for 2008

Site Names: W-65-1NS

County: []

Funct.: []

Location: Route 15 0.5 Km South Of 8 Avenue In Surrey

Posted Speed = 70 kph

Urban Principal Arterial - Other Freeways

Weight Classes

SU # Axles = Single Unit # Axles
 ST # Axles = Single Trailer # Axles
 MT # Axles = Multi-Trailer # Axles
 UNCL = Unclassified vehicles

Roadway	Neg DIR	Pos DIR	Neg 1	Neg 2	Neg 3	Pos 2	Pos 1
Motorcycle	14	6	8	2	1	2	3
Pass.Veh.	8,353	3,712	4,640	225	993	2,495	3,406
PU/SUV	1,567	787	780	268	187	333	505
Bus	39	19	20	1	18	0	12
2Axle6Tire	125	55	70	25	20	10	36
SU 3 Axle	106	55	52	22	29	5	24
SU 4+ Axle	3	1	2	0	1	0	1
ST 4- Axle	38	16	22	3	7	5	10
ST 5 Axle	788	270	518	139	128	3	302
ST 6+ Axle	337	159	179	84	74	1	102
MT 5- Axle	27	13	13	4	9	1	8
MT 6 Axle	46	34	12	26	8	0	5
MT 7+ Axle	144	68	76	37	30	1	47
UNCL	908	584	324	92	374	119	72
Trucks	1,654	690	963	340	323	27	549
Combo Trucks	1,380	560	820	293	256	12	475
Classified	11,588	5,196	6,392	835	1,504	2,857	4,464
% Unclass	7.00	10.00	5.00	10.00	20.00	4.00	2.00
Num Days	7	7	7	7	7	7	7
Total	12,496	5,780	6,716	926	1,878	2,976	2,180

Site Layout

Annotations:

- 'County' does not apply to BCMoT reports. Text field used to display posted speed instead.
- 'Funct.' does not apply to BCMoT reports.
- Weight Classes: SU # Axles = Single Unit # Axles, ST # Axles = Single Trailer # Axles, MT # Axles = Multi-Trailer # Axles, UNCL = Unclassified vehicles.
- Neg 1: Southbound slow lane, Neg 2: Southbound middle lane, Neg 3: Southbound fast lane, Pos 2: Northbound fast lane, Pos 1: Northbound slow lane.
- Annual average volume of single trailers with 5 axles in Pos 1: 216
- Annual average volume of Multi 7+ Axle Trailers in the Positive Direction: 76
- Trucks = sum of bins 4 – 13; Combo Trucks = sum of bins 8 – 13; Classified = annual average vehicles that were classified per day; % Unclass = UNCL/ Total; Num Days = number of AADW's, of 7, used to calculate annual averages; Total = AADT

4.4 Annual Class Report (ACo1P)

This report provides a summary of annual averages for each axle classification.

152 Street 2015 ACo1P Report

BC Ministry of Transportation and Infrastructure
Annual Class Distribution for 2015

Site names: 152 Street P-16-22EW - NY Seasonal Factor Grp: Consistent
Daily Factor Grp: Consistent

Location: Route 1, just east of the 152 Street overpass, Surrey

	Road	E	W	E Lane1	E Lane2	E Lane3	E Lane4	W Lane3	W Lane2	W Lane1
1 Motorcycle	276 .42%	230 .61%	46 .16%	43 5.01%	103 .81%	60 .48%	4 .05%	2 .03%	20 .16%	24 .26%
2 Pass. Veh.	41,938 63.45%	23,842 63.24%	18,096 63.72%	490 57.69%	7,446 58.77%	11,018 66.00%	4,889 65.26%	4,201 66.70%	8,699 68.16%	5,196 55.64%
3 PU/SUV	16,538 25.02%	9,458 25.09%	7,080	199	2,743	4,401	2,114 28.22%	1,703 27.03%	3,226 25.28%	2,152 23.04%
4 Bus	485 .73%	266 .71%					67 90%	64 90%	22 .18%	133 1.43%
5 2Axle6Tire	3,921 5.93%	2,231 5.92%					390 .21%	307 4.87%	670 5.25%	714 7.64%
6 SU 3 Axle	462 .70%	279 .74%	.64%	1.63%	1.65%	.26%	.16%	.15%	.19%	150 1.61%
7 SU 4+ Axle	57 .09%	34 .09%	.08%	.15%	.21%	.04%	.00%	.00%	.02%	20 .22%
8 ST 4- Axle	247 .37%	150 .40%	.34%	.73%	.84%	.16%	.16%	.15%	.11%	74 .79%
9 ST 5 Axle	842 1.27%	469 1.24%	373 1.31%	16 1.85%	396 3.12%	56 .33%	2 .03%	2 .03%	36 .28%	335 3.59%
10 ST 6+ Axle	622 1.24%	471 1.25%	350 1.23%	12 1.37%	406 3.20%	54 .32%	0 .00%	1 .01%	33 .26%	316 3.39%
11 MT 5- Axle	34 .05%	10 .03%	.09%	0 .04%	8 .06%	1 .01%	0 .01%	0 .01%	1 .01%	23 .25%
12 MT 6 Axle	85 .13%	50 .13%	.12%	.21%	.34%	.03%	.00%	.00%	.02%	33 .35%
13 MT 7+ Axle	393 .59%	213 .56%	.53%	.81%	1.50%	.10%	.00%	.01%	.10%	166 1.78%
Trucks	7,349 11.12%	4,173 11.07%	3,176 11.18%	118 13.85%	2,378 18.77%	1,193 7.15%	484 6.46%	393 6.24%	817 6.41%	1,966 21.05%
Combo Trucks	2,423 3.67%	1,363 3.61%	1,060 3.73%	43 5.02%	1,148 9.06%	158 .95%	14 .19%	13 .21%	99 .78%	948 10.15%
Classified	66,100 100.00%	37,703 100.00%	28,398 100.00%	849 100.00%	12,670 100.00%	16,692 100.00%	7,491 100.00%	6,298 100.00%	12,762 100.00%	9,337 100.00%
Total	66,100 100.00%	37,703 100.00%	28,398 100.00%	849 100.00%	12,670 100.00%	16,692 100.00%	7,491 100.00%	6,298 100.00%	12,762 100.00%	9,337 100.00%
N Days	317	317	317	317	317	317	317	317	317	317

Weight Classes
 SU # Axles = Single Unit # Axles
 ST # Axles = Single Trailer # Axles
 MT # Axles = Multi-Trailer # Axles

E Lane1: Eastbound slow lane
 E Lane2: Eastbound middle lane 1
 E Lane3: Eastbound middle lane 2
 E Lane4: Eastbound fast lane
 W Lane3: Westbound fast lane
 W Lane2: Westbound middle lane
 W Lane1: Westbound slow lane

Annual average volume of single trailers with 5 axles in W Lane2

Annual average volume of Multi 7+ Axle Trailers in the Positive Direction

Trucks = Sum of Bins 4 to 13
 Combo Trucks = Sum of Bins 8 to 13
 Classified = Number of vehicles that were classified
 Total = Total number of vehicles counted
 N Days = Number of days of the year used to create the report

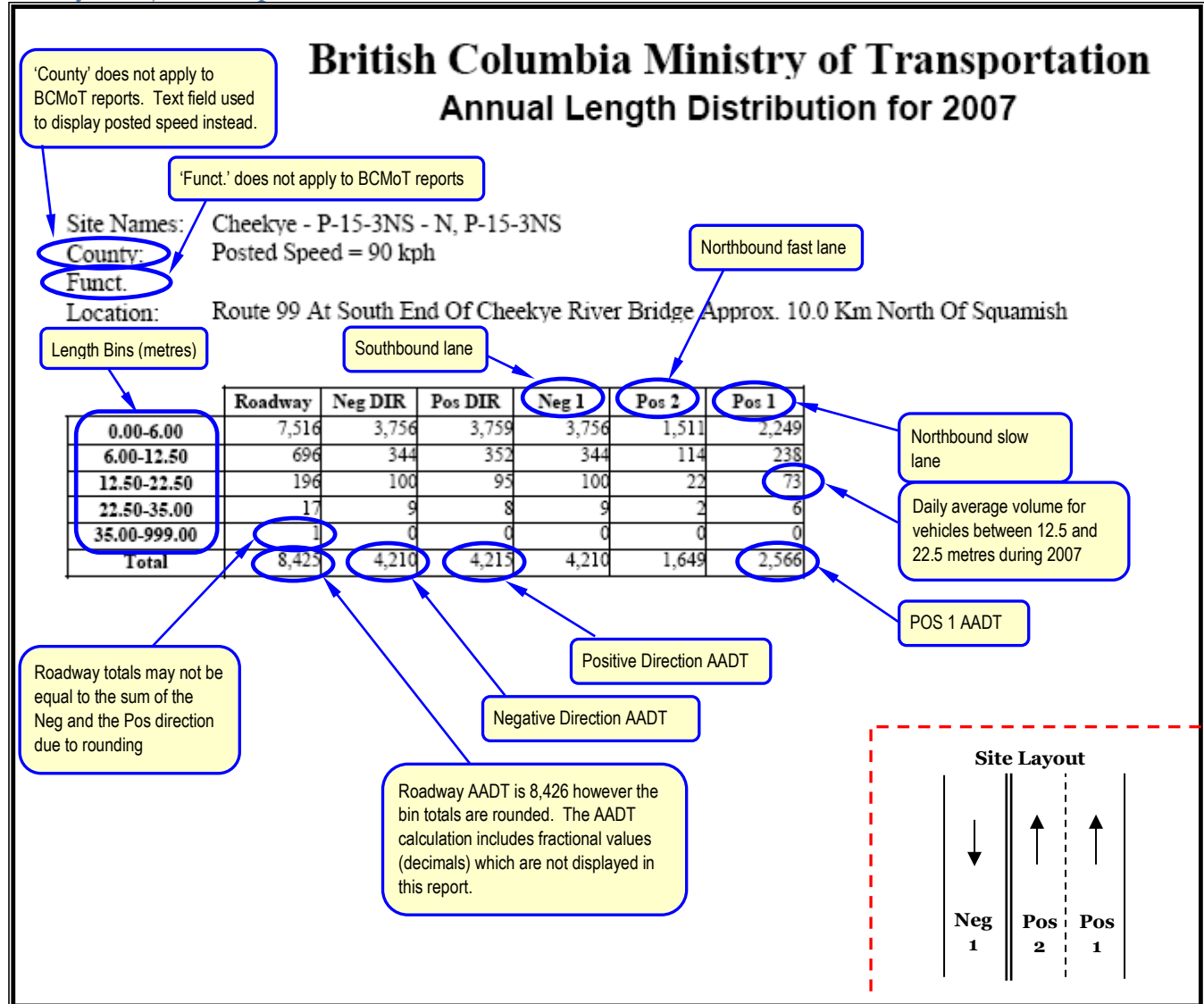
Site Layout

← Neg
 → Pos

4.5 Annual Length Report (AL01)

This report provides a breakdown of the annual average daily vehicle volume, per length bin, for each traffic lane, direction, and the roadway.

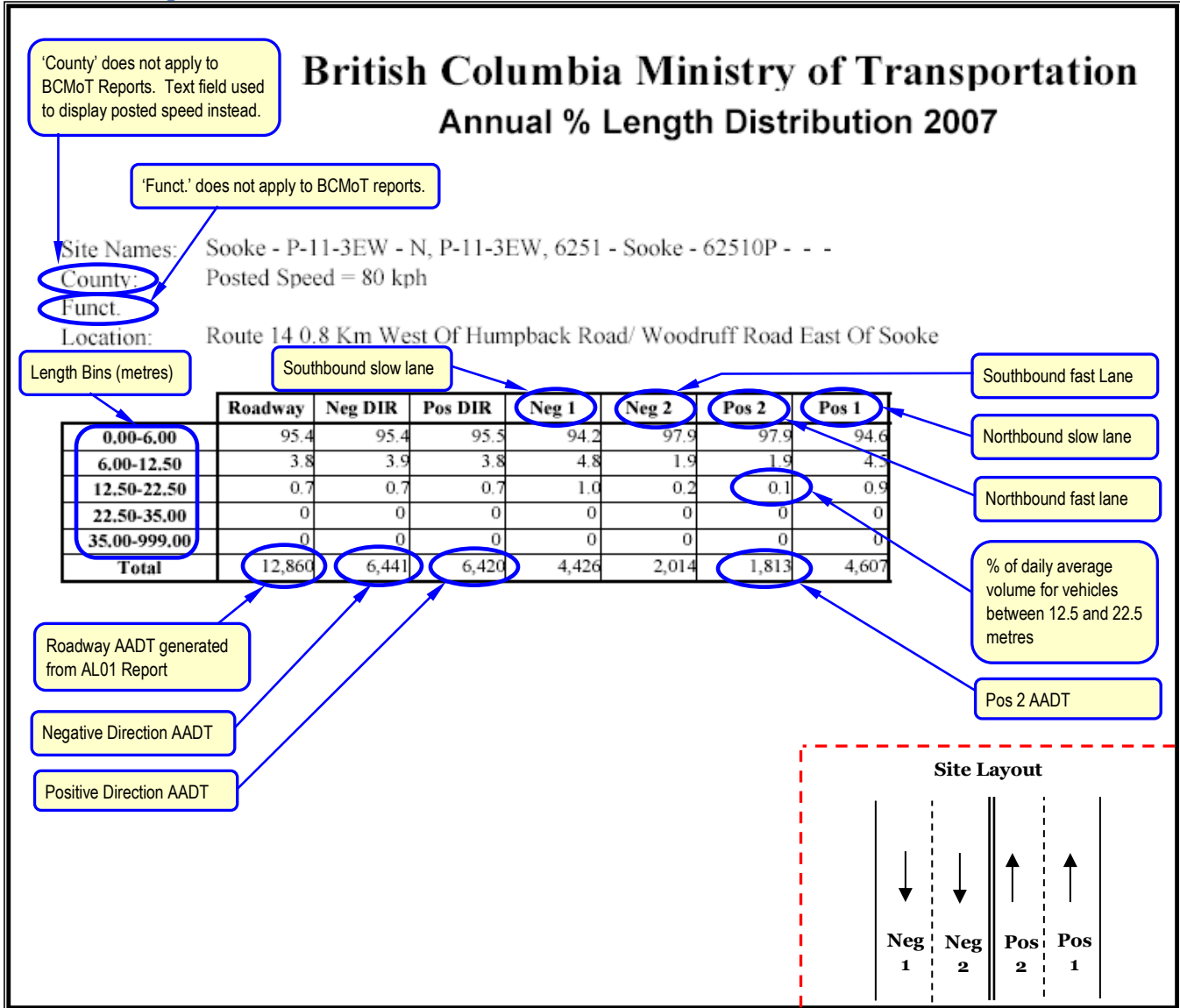
Cheekye 2007 AL01 Report



4.6 Annual % Length Report (ALo2)

This report provides a breakdown of the annual average daily vehicle volume percentage, per length bin, for each lane, direction, and the roadway.

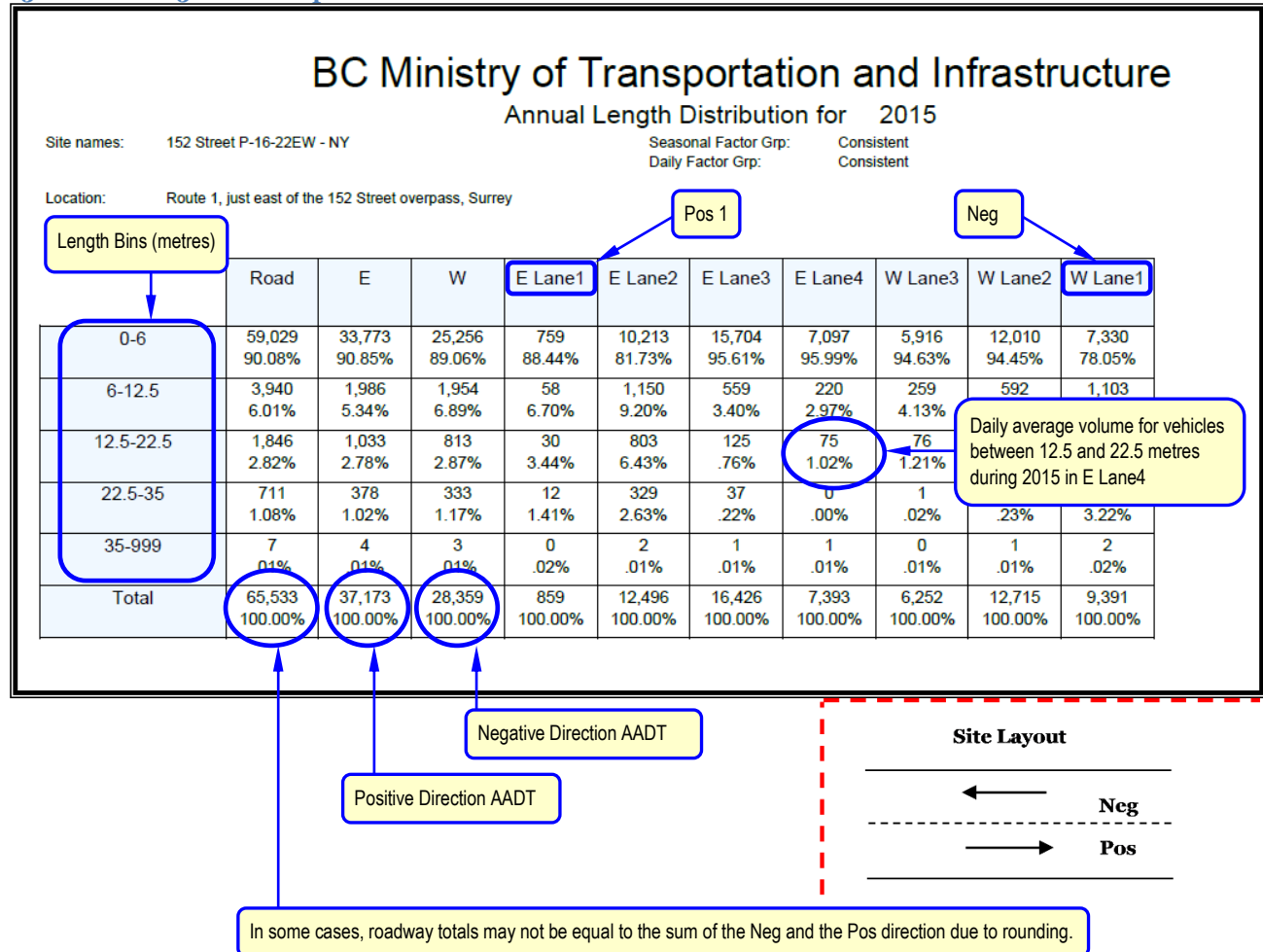
Sooke ALo2 Report



4.7 Annual Length Report (ALo1P)

This report provides a breakdown of the annual average daily volume and annual average daily volume percentage, per length bin, for each traffic lane, direction, and the roadway.

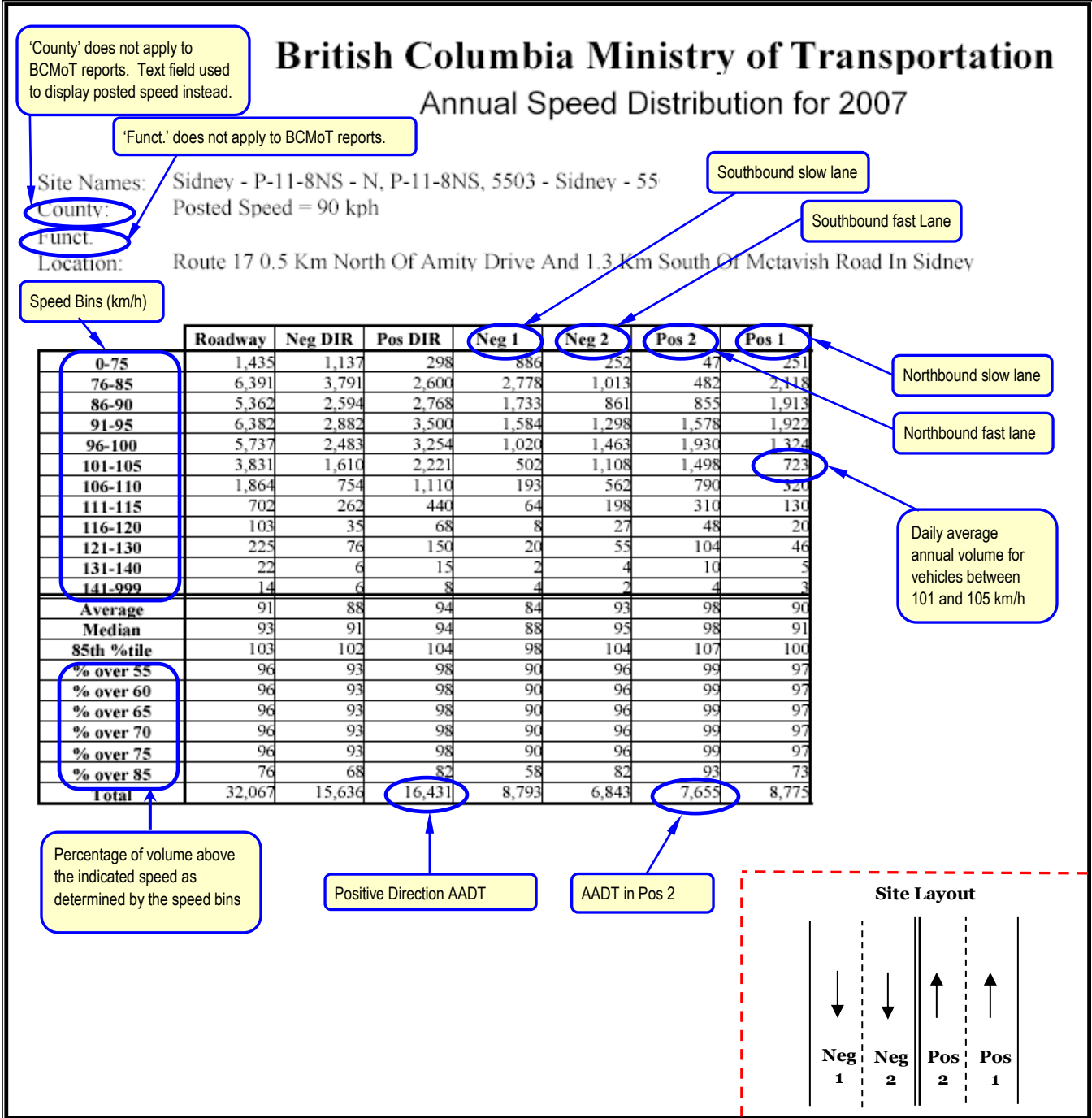
152 Street 2015 ALo1P Report



4.8 Annual Speed Report (AS01)

This report provides a breakdown of the annual average daily vehicle volume, per speed bin, for each lane, direction, and the overall roadway. In addition, the average, median, 85th percentile, and % over 'x' speeds are also displayed.

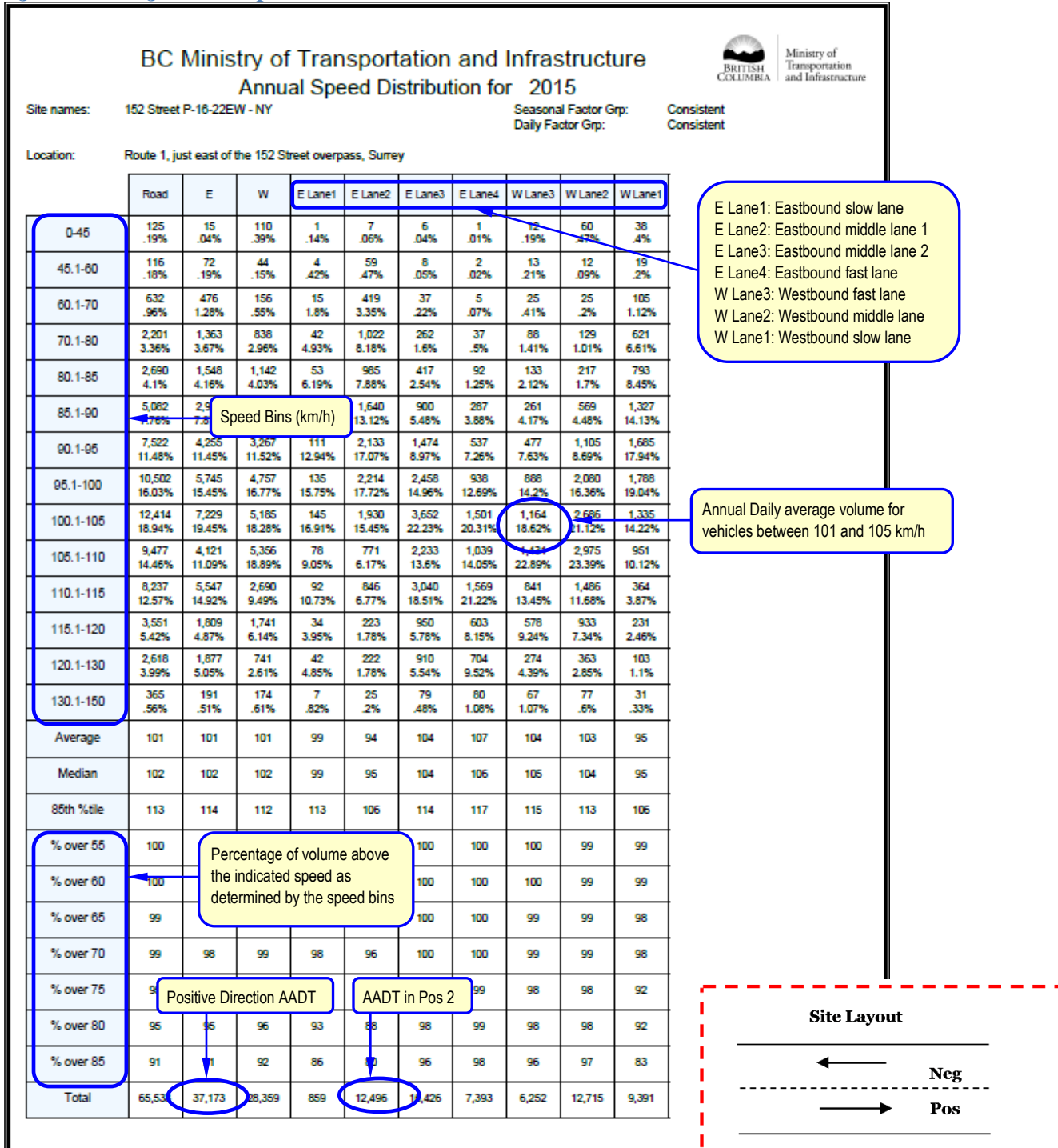
Sidney 2007 AS01 Report



4.9 Annual Speed Report (AS01P)

This report provides a breakdown of the annual average daily volume and annual average daily volume percentage, per speed bin, for each traffic lane, direction, and the roadway. In addition, the average, median, 85th percentile, and % over 'x' speeds are also displayed.

152 Street 2015 AS01P Report



4.10 Annual Volume Report (AV01)

This report provides the AADT, AAWT, and the AAWET for each site. It compares the current year data with the previous year. This report is currently not published by the BCMoT.

2007 AV01 Report

**British Columbia Ministry of Transportation
Volume Comparison for 2007**

Site Name / Station ID / Location	Posted Speed = kph	Year	AADT	% chg	AAWDT	% chg	AAWET	% chg	# days
			2007	2006	2007	2006	2007	2006	
200th Street East - P-70-1EW - N Route 1 Just East Of 200th Street In Langley	100	2007	59,572	2.90	61,244	2.90	52,366	2.70	354
200th Street West - P-71-010EW - N Ramps To/From Route 1 Just West Of 200th Street In Langley	70	2007	25,997	14.30	26,881	11.50	23,113	22.00	362
200th Street West - P-71-1EW - C Route 1 Just West Of 200th Street In Langley	100	2007	72,363	3.50	73,385	2.70	66,762	5.80	353
Afton - P-21-2EW - N Route 1/97 Just West Of Rte 5 At Afton I/C West Of Kamloops	90	2007	5,389	4.40	5,479	5.00	4,788	3.30	343
Afton - P-21-4EW - C Route 1 Just East Of Route 5 At Afton I/C West Of Kamloops	Factor Type: Seasonal	2007	13,075	4.10	12,924	4.60	12,175	3.50	271
Alberta Route 1 - P-ALTA-1 - N Route 1 2.7 Km West Of The BC-Alberta Border	80	2007	10,029	87.60	8,751	71.60	11,622	115.00	365
Alberta Route 93 - P-ALTA-2 - N Route 93 6.6 Km South Of Route 1 In Alberta	80	2007	5,414	120.30	5,110	157.00	5,594	96.20	365
Aldergrove (WIM) - W-16-15NS - N Route 13 1.5 Km North Of 0 Avenue And 0.2 Km South Of 8 Avenue In Langley	80	2007	3,959		3,847		3,900		313
Alex Fraser Bridge - P-16-60NS - N Route 91 At The South End Of The Alex Fraser Bridge In Delta	90	2007	98,335	-3.10	107,339	-3.40	73,026	-2.40	352
Alex Fraser Bridge - P-16-69 - C Exit From Route 91 Sb To Nordel Way Eb And Wb In Delta	Unknown	2007	22,789	-1.70	25,265	-1.70	16,030	-1.20	352
Anahim - P-29-1EW - N Route 20 1.2 Km West Of Anahim Street In Anahim Lake	80	2007	178	-10.20	187	-11.90	150	-7.30	364
Armstrong - P-24-1NS - N Route 97a 4.0 Km North Of The North Access To Armstrong	90	2007	10,565	2.50	10,604	2.60	9,731	2.70	364

4.11 Annual Day of Week Summary Report (AVO2)

This report provides a breakdown of monthly and annual average daily traffic for the year. MADT, MAWDT, MAWET, AADT, AAWDT, and AAWET statistics are displayed. Also, the previous years annual AADT, AAWDT, and AAWET volumes are displayed.

Salmo 2007 AVO2 Report

**British Columbia Ministry of Transportation
Annual Day of Week Summary for 2007**

Site Names: Salmo - P-31-1EW - N, P-31-1EW, 6167 - Salmo - 6167
 County: Posted Speed = 90 kph
 Funct.
 Location

Seasonal Factor Group: Highly Seasonal
 Daily Factor Group: Highly Seasonal
 Axle Factor Group: Highly Seasonal
 Growth Factor Group: Highly Seasonal

MADW = Monthly Average Day of Week
 MADT = Monthly Average Daily Traffic
 MAWDT = Monthly Average Weekday Traffic
 MAWET = Monthly Average Weekend Traffic

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	MADT	MAWDT	MAWET	% POS
Jan	802	778	808	835	852	841	711	820	833	757	50
Feb	903	871	804	849	894	1,115	832	895	854	867	49
Mar	1,176	1,144	1,021	1,111	1,128	1,307	1,101	1,141	1,101	1,139	50
Apr	1,338	1,363	1,200	1,244	1,485	1,655	1,174	1,351	1,323	1,256	50
May	1,784	2,119	1,615	1,534	1,895	2,214	1,548	1,816	1,791	1,666	48
Jun	1,681	1,567	1,461	1,520	1,900	2,058	1,487	1,668	1,612	1,584	49
Jul	2,268	2,292	1,964	1,939	2,145	2,599	2,122	2,190	2,085	2,195	49
Aug	2,344	2,828	2,252	2,218	2,425	3,020	2,461	2,535	2,431	2,503	51
Sep	1,917	2,286	1,944	1,943	2,024	2,312	1,923	2,050	2,049	1,920	49
Oct	1,302	1,593	1,389	1,378	1,546	1,888	1,293	1,484	1,476	1,298	50
Nov	978	1,088	1,019	1,032	1,110	1,347	957	1,076	1,062	968	50
Dec	880	740	730	946	1,106	1,166	966	933	880	923	49

2,268 is the Sunday MADW for July 2007

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	AADT	AAWDT	AAWET	% POS
2007	1,465	1,555	1,350	1,384	1,542	1,802	1,381	1,497	1,458	1,423	50
2006	1,227	1,204	1,130	1,162	1,295	1,485	1,095	1,228	1,198	1,161	50
2005	1,347	1,378	1,247	1,299	1,449	1,616	1,238	1,368	1,343	1,292	50
2004	0	0	0	0	0	0	0	1,169	1,152	1,118	51

Site Layout

← Neg 1

→ Pos 1

4.12 Annual Day of Week Summary Report (AVO2P)

This report provides a breakdown of monthly and annual average daily traffic for the year. MADT, MAWDT, MAWET, AADT, AAWDT, and AAWET statistics are displayed. Also, the previous years annual AADT, AAWDT, and AAWET volumes are displayed.

152 Street 2015 AVO2P Report

BC Ministry of Transportation and Infrastructure
Annual Day of Week Summary for 2015

Site names: 152 Street P-16-22EW - NY Seasonal Factor Grp: Consistent
Daily Factor Grp: Consistent

Location: Route 1, just east of the 152 Street overpass, Surrey

	SUN	MON	TUE	WED	THU	FRI	SAT	MADT	MAWDT	MAWET	% POS
JAN	44,012	67,321	70,388	71,446	66,344	71,864	54,764	66,738	68,875	49,403	50
FEB	47,152	58,951	65,229	67,054	67,930	72,263	56,757	62,191	64,791	51,954	55
MAR	48,457	64,752	66,085	65,977	69,996	73,322	56,823	63,630	66,702	52,640	56
APR	51,781	67,120	68,120	68,120	71,320	67,008	56,171	63,723	67,775	53,976	57
MAY	52,731	68,120	68,120	68,120	72,525	76,052	58,622	65,728	68,173	55,677	57
JUN	56,462	68,709	71,391	70,078	72,931	75,641	61,321	68,191	70,777	58,382	57
JUL	56,632	72,233	71,866	70,158	75,641	79,318	61,625	68,191	70,777	58,382	57
AUG	58,043	68,275	73,801	74,902	77,827	79,318	61,625	68,191	70,777	58,382	57
SEP	54,660	64,766	70,828	72,190	74,137	78,405	61,591	68,191	70,777	58,382	57
OCT	54,942	63,658	68,733	69,562	72,221	76,815	59,821	68,191	70,777	58,382	57
NOV	48,672	65,192	67,149	62,803	68,805	73,267	56,500	63,198	65,987	52,586	58
DEC	48,282	64,120	65,990	68,245	63,783	66,542	54,925	61,698	65,534	51,603	58

	SUN	MON	TUE	WED	THU	FRI	SAT	AADT	AAWDT	AAWET	% POS
2015	51,821	65,329	68,913	69,241	71,122	74,249	58,194	65,553	68,651	55,008	57
2014	54,311	68,914	72,237	73,655	75,680	78,683	61,007	69,213	72,622	57,659	50
2013	58,647	69,860	73,556	75,627	77,061	79,618	64,473	71,263	74,026	61,560	50
2012											
2011											
2010											
2009											
2008											
2007											
2006											
2005											

Site Layout

4.13 Annual 500 Highest Hours Report (AV03)

This report provides the date and time of the highest annual traffic volumes for a site in a given year.

Prince George 2007 AV03 Report

British Columbia Ministry of Transportation and Infrastructure

500 Highest Hours for 2007

Site Names: Prince George - P-42-1NS - N, P-42-1NS
 County: Posted Speed = 60 kph
 Funct.: Rte 97 0.2 Km North Of Route 16 In Prince George
 Location: Rte 97 0.2 Km North Of Route 16 In Prince George

'Funct.' does not apply to BCoT reports.

Traffic data from permanent count sites is used to generate adjustment factors for different traffic patterns. Factors are then applied to short count sites to generate summary statistics. BCoT does not use axle or growth factors.

%POS = Percentage of traffic moving in the positive direction

Seasonal Factor Group: Consistent
 Daily Factor Group: Consistent
 Axle Factor Group: Consistent
 Growth Factor Group: Consistent

	Volume	% AADT	% Pos	Date/Time	Day
1	2,170	10.50	46.70	Dec 22, 2007 12:00	Saturday
2	2,163	10.50	48.90	Dec 13, 2007 16:00	Thursday
3	2,146	10.40	41.80	Dec 22, 2007 14:00	Saturday
4	2,126	10.30	51.50	Feb 13, 2007 16:00	Friday
5	2,098	10.20	50.10	Sep 4, 2007 17:00	Monday
28	1,964	9.50	62.90	Oct 26, 2007 16:00	Friday
29	1,961	9.50	46.70	Dec 13, 2007 15:00	Thursday
30	1,956	9.50	57.40	Sep 7, 2007 17:00	Friday
35	1,942	9.40	53.90	Sep 7, 2007 15:00	Friday
40	1,929	9.30	55.00	Dec 18, 2007 16:00	Tuesday
45	1,920	9.30	57.90	Sep 12, 2007 16:00	Wednesday
50	1,909	9.30	54.60	Sep 14, 2007 17:00	Friday
55	1,906	9.20	66.00	Apr 27, 2007 16:00	Friday
60	1,902	9.20	57.20	Sep 17, 2007 16:00	Monday
65	1,897	9.20	52.10	Dec 7, 2007 15:00	Friday
70	1,889	9.20	59.30	Nov 9, 2007 15:00	Friday
75	1,884	9.10	59.20	Dec 17, 2007 16:00	Monday
80	1,876	9.10	46.40	Dec 8, 2007 15:00	Saturday
85	1,873	9.10	59.00	Sep 11, 2007 16:00	Tuesday
90	1,869	9.10	61.90	Nov 16, 2007 16:00	Friday
95	1,862	9.00	51.40	Aug 9, 2007 17:00	Thursday
100	1,860	9.00	61.50	Sep 18, 2007 16:00	Tuesday
200	1,786	8.70	49.30	Sep 10, 2007 15:00	Monday
300	1,736	8.40	45.20	Nov 24, 2007 12:00	Saturday
400	1,700	8.20	51.40	Dec 23, 2007 13:00	Sunday
500	1,659	8.00	67.50	Aug 8, 2007 16:00	Wednesday

The volume during the 4th highest hour in 2007 was 10.3% of the roadway AADT.

Site Layout

← **Pos 1**
 ← **Pos 2**
 → **Neg 2**
 → **Neg 1**

4.14 Annual 500 Highest Hours Report (AV04P)

This report provides the date and time of the highest annual traffic volumes for a site in a given year.

152 Street 2015 AV04P Report

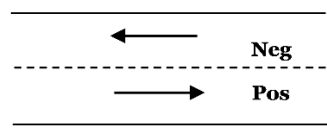
BC Ministry of Transportation and Infrastructure 500 Highest Hours for 2015						
Site name:	152 Street P-10-22EW - NY					
Location:	Route 1, just east of the 152 Street overpass, Surrey					
Rank	Volume	% AADT	% Pos	Date/Time	Day	Seasonal Factor Grp: Daily Factor Grp:
1	7038	10.74	57.5	1/30/15 4:00 PM	Friday	Consistent
2	7031	10.73	63.86	10/23/15 4:00 PM	Friday	Consistent
3	6997	10.67	62.46	7/17/15 4:00 PM	Friday	Consistent
4	6988	10.66	67.46	9/25/15 4:00 PM	Friday	Consistent
5	6966	10.63	65.99	10/16/15 4:00 PM	Friday	Consistent
28	6611	10.06	66.27	4/15/15 4:00 PM	Wednesday	Consistent
29	6600	10.07	58.76	1/16/15 4:00		Consistent
30	6594	10.06	68.88	11/26/15 4:00		Consistent
35	6576	10.03		6/5/15 4:00		Consistent
40	6542	9.98		10/1/15 4:00		Consistent
45		9.96	66.76	8/21/15 4:00 PM	Friday	Consistent
50		9.89	69.17	9/23/15 4:00 PM	Wednesday	Consistent
55		9.87	66.79	11/6/15 4:00 PM	Friday	Consistent
60	6456	9.85	68.23	11/19/15 4:00 PM	Thursday	Consistent
65	6428	9.81	66.02	5/8/15 4:00 PM	Friday	Consistent
70	6409	9.78	61.63	1/26/15 4:00 PM	Monday	Consistent
75	6389	9.75	62.33	1/7/15 4:00 PM	Wednesday	Consistent
80	6384	9.74	66.13	8/19/15 4:00 PM	Wednesday	Consistent
85	6373	9.72	69.32	10/13/15 4:00 PM	Tuesday	Consistent
90	6356	9.7	65.26	12/4/15 4:00 PM	Friday	Consistent
95	6340	9.67	65.16	11/13/15 4:00 PM	Friday	Consistent
100	6319	9.64	62.7	10/22/15 5:00 PM	Thursday	Consistent
200	6112	9.32	69.14	10/20/15 4:00 PM	Tuesday	Consistent
300	5947	9.07	71.25	6/3/15 5:00 PM	Wednesday	Consistent
400	5758	8.78	62	8/5/15 5:00 PM	Wednesday	Consistent
500	5639	8.6	67.71	7/27/15 3:00 PM	Monday	Consistent

The volume during the 4th highest hour in 2015 was 10.66% of the roadway AADT.

%POS = Percentage of traffic moving in the positive direction

Traffic data from permanent count sites is used to generate adjustment factors for different traffic patterns. Factors are then applied to short count sites to generate summary statistics.

Site Layout



4.15 Annual Hourly Day of Week Summary Report (AV04)

This report provides a breakdown of the annual average daily traffic during each hour of the week.

Prince Rupert 2007 AV04 Report

British Columbia Ministry of Transportation

Annual Hourly Day of Week Summary for 2007

Site Layout

← Neg 1

→ Pos 1

Site Names: Prince Rupert - P-51-1EW - N, P-51-1

County: Posted Speed = 70 kph

Funct.:

Location: Route 16 0.3 Km East Of Port Edward Road Approx 10.5 Km East Of Prin

'County' does not apply to BCMoT reports. Text field used to display posted speed instead.

'Funct.' does not apply to BCMoT reports.

Traffic data from permanent count sites is used to generate adjustment factors for different traffic patterns. Factors are then applied to short count sites to generate summary statistics. BCMoT does not use axle or growth factors.

Seasonal Factor Group: Highly Seasonal
 Daily Factor Group: Highly Seasonal
 Axle Factor Group: Highly Seasonal
 Growth Factor Group: Highly Seasonal

See "Factor Groups" in Glossary

	Sunday			Monday			Tuesday			Wednesday			Thursday			Friday			Saturday					
	Road	Neg DIR	Pos DIR	Road	Neg DIR	Pos DIR	Road	Neg DIR	Pos DIR	Road	Neg DIR	Pos DIR	Road	Neg DIR	Pos DIR	Road	Neg DIR	Pos DIR	Road	Neg DIR	Pos DIR			
0:00	6	4	2	7	5	2	6	4	2	7	4	3	6	4	2	7	4	3	9	5	4	6	3	2
1:00	5	3	2	3	2	1	3	2	1	3	2	1	4	3	1	5	3	2	6	3	2	6	3	2
2:00	4	3	1	3	2	1	4	3	1	5	3	2	4	4	1	5	4	2	5	4	1	5	4	1
3:00	3	1	1	3	2	2	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1
4:00	4	3	2	7	3	4	3	1	2	5	2	2	5	2	2	5	3	2	4	2	2	4	2	2
17:00	83	59	24	66	41	25	55	33	23	59	35	24	62	34	28	82	43	40	84	56	28	67	45	22
18:00	68	48	20	61	36	25	47	25	22	46	29	17	50	31	19	65	38	27	67	45	22	49	29	19
19:00	54	37	17	43	27	15	38	22	16	33	20	13	36	24	12	49	29	19	49	34	15	36	24	10
20:00	42	30	12	32	22	11	27	15	11	26	16	10	31	21	10	36	24	12	34	24	10	26	18	9
21:00	30	22	8	22	15	7	22	13	9	22	15	7	24	16	8	26	17	9	26	18	9	13	9	4
22:00	23	17	6	17	12	5	16	10	5	16	10	5	16	11	5	21	15	6	20	15	5	13	9	4
23:00	12	8	3	10	6	3	9	6	3	9	6	3	10	7	3	13	9	4	13	9	4	51	51	51
AADW	1,029	543	485	904	471	433	856	431	425	873	442	431	920	467	453	1,076	508	568	1,061	527	533	51	51	51
NDAYS	52	52	52	52	52	52	51	51	51	53	53	53	51	51	51	52	52	52	51	51	51	51	51	51

AADW = Annual Average Day of the Week

NDAYS = Number of Days used to calculate the AADW

53 Wednesdays were counted in 2007

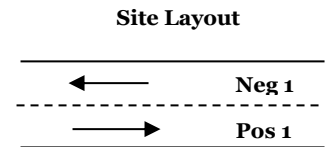
Thursday, Neg Dir, between 21:00 and 22:00, average annual hourly volume is 16

4.16 Annual Hourly Day of Week Summary Report (AV03P)

This report provides a breakdown of the annual average daily traffic during each hour of the week.

152 Street 2015 AV03P Report

BC Ministry of Transportation and Infrastructure																						
Annual Hourly Day of Week Summary for 2015																						
Site names: 152 Street P-10-22EW - NY																						
Location: Route 1, just east of the 152 Street overpass, Surrey																						
Seasonal Factor Grp: Consistent																						
Daily Factor Grp: Consistent																						
See "Factor Groups" in Glossary																						
	SUN			MON			TUE			WED			THU			FRI			SAT			
	Road	PDir	NDir	Road	PDir	NDir	Road	PDir	NDir	Road	PDir	NDir	Road	PDir	NDir	Road	PDir	NDir	Road	PDir	NDir	
00:00	936	654	281	426	281	144	398	267	130	447	322	124	499	354	145	506	363	143	860	585	274	
01:00	560	398	161	244	162	82	225	153	74	244	173	71	288	197	91	289	202	86	527	368	158	
02:00	347	244	102	170	108	61	167	106	61	178	122	56	207	138	68	208	141	67	343	236	107	
03:00	262	185	77	130	94	47	109	74	47	94	193	107	86	207	112	94	220	125	95	270	179	91
04:00	244	149	94	130	94	47	109	74	47	285	421	155	266	431	160	271	430	162	267	294	169	125
05:00	408	207	20	130	94	47	109	74	47	1,405	1,825	478	1,347	1,826	477	1,348	1,698	469	1,228	593	282	311
06:00	742	366	37	130	94	47	109	74	47	3,146	4,392	1,357	3,035	4,372	1,337	3,035	4,104	1,299	2,804	1,207	555	652
07:00	1,209	709	50	130	94	47	109	74	47	2,731	4,913	2,264	2,648	4,976	2,285	2,690	4,675	2,205	2,470	1,954	1,028	926
08:00	1,818	1,058	759	130	94	47	109	74	47	2,317	4,384	2,114	2,269	4,384	2,138	2,245	4,320	2,128	2,192	2,764	1,506	1,257
09:00	2,674	1,475	1,198	3,638	1,824	1,814	3,863	1,893	1,969	3,923	1,938	1,985	3,872	1,936	1,936	3,872	1,936	1,936	3,872	1,936	1,936	1,936
10:00	3,433	1,920	1,513	3,506	1,847	1,659	3,541	1,819	1,721	3,587	1,866	1,720	3,661	1,919	1,741	3,661	1,919	1,741	3,661	1,919	1,741	3,661
11:00	3,650	2,001	1,649	3,525	1,942	1,582	3,498	1,900	1,598	3,579	1,966	1,612	3,666	2,026	1,638	3,666	2,026	1,638	3,666	2,026	1,638	3,666
12:00	3,922	2,126	1,796	4,203	2,678	1,525	4,285	2,771	1,514	4,341	2,810	1,531	4,529	2,914	1,614	4,950	3,158	1,792	4,057	2,233	1,824	
13:00	4,004	2,191	1,813	5,701	3,751	1,949	6,124	4,135	1,989	6,089	4,025	2,044	6,146	4,080	2,065	6,309	4,109	2,200	4,284	2,365	1,918	
14:00	3,922	2,126	1,796	4,203	2,678	1,525	4,285	2,771	1,514	4,341	2,810	1,531	4,529	2,914	1,614	4,950	3,158	1,792	4,057	2,233	1,824	
15:00	4,004	2,191	1,813	5,701	3,751	1,949	6,124	4,135	1,989	6,089	4,025	2,044	6,146	4,080	2,065	6,309	4,109	2,200	4,284	2,365	1,918	
16:00	4,004	2,191	1,813	5,701	3,751	1,949	6,124	4,135	1,989	6,089	4,025	2,044	6,146	4,080	2,065	6,309	4,109	2,200	4,284	2,365	1,918	
17:00	3,699	1,988	1,671	5,158	3,314	1,844	5,844	3,732	1,912	5,515	3,579	1,935	5,673	3,672	2,000	5,701	3,595	2,106	4,182	2,290	1,892	
18:00	3,005	1,618	1,387	3,505	2,217	1,287	3,799	2,466	1,332	3,850	2,523	1,326	3,953	2,558	1,395	4,234	2,537	1,696	3,446	1,887	1,558	
19:00	2,617	1,442	1,175	2,361	1,470	723	2,637	1,470	723	2,637	1,470	723	2,637	1,470	723	2,637	1,470	723	2,637	1,470	723	2,637
20:00	2,313	1,248	1,065	1,852	1,110	523	2,263	1,110	523	2,263	1,110	523	2,263	1,110	523	2,263	1,110	523	2,263	1,110	523	2,263
21:00	1,923	1,077	846	1,631	1,029	602	1,695	1,164	530	1,844	1,226	618	1,938	1,274	664	2,046	1,259	787	2,053	1,234	819	
22:00	1,349	812	536	1,192	804	388	1,294	938	356	1,348	937	410	1,513	1,074	439	1,865	1,215	650	1,969	1,298	671	
23:00	800	513	287	709	487	222	780	587	192	838	614	223	927	681	245	1,376	938	438	1,462	1,008	453	
AADW	2,821	28,944	22,877	65,329	36,876	28,453	68,913	39,259	29,654	69,241	38,500	29,741	71,122	40,685	30,436	74,249	42,341	31,908	58,194	32,681	25,512	
N Days	51	51	51	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52



Traffic data from permanent count sites is used to generate adjustment factors for different traffic patterns. Factors are then applied to short count sites to generate summary statistics.

Thursday, Roadway, between 13:00 and 14:00, annual average hourly volume is 3957

AADW = Annual Average Day of the Week

NDAYS = Number of Days used to calculate the AADW

52 Wednesdays were counted in 2015

4.17 Annual WIM Distribution Report (AWO1)

This report provides a detailed breakdown of vehicles by weight class and displays the average annual daily traffic (Num), average ESAL value (Equivalent Standard Axle Load), and the average Gross Vehicle Weight (GVW).

Aldergrove WIM 2007 AWO1 Report

BC Ministry of Transportation and Infrastructure

Annual WIM Distribution for 2007

'County' does not apply to BCMoT reports. Text field used to display posted speed instead.

Site Names: W-16-15NS
 County:
 Funct. Urban Principal Arterial - Other Freeways
 Location: Route 13 1.5 Km North Of 0 Avenue And 0.2 Km South Of 8 Avenue in Langley

Vehicle weights for FHWA Vehicles Classes 1 - 3 are no longer recorded at WIM Sites.

'Funct.' does not apply to BCMoT reports.

Site Layout

SU # Axels = Single Unit # Axles
 MT # Axeks = Multi Unit # Axles

		Motorcycle	Pass.Veh.	PU/SUV	Bus	2Axle6Tire	SU 3 Axle	SU 4+ Axle	ST 4- Axle	ST 5 Axle	ST 6+ Axle	MT 5- Axle	MT 6 Axle	MT 7+	UNCL
Roadway	Num	4	934	335	6	53	29	3	16	89	101	2	2	75	0
	Flex	0.00	0.00	0.00	0.39	0.25	0.71	0.49	0.36	0.62	1.03	2.50	1.14	0.79	0.00
	Rigid	0.00	0.00	0.00	0.45	0.25	1.00	0.74	0.40	0.97	1.97	3.57	1.57	1.31	0.00
	GVW	7.2	7.5	8.4	17.8	16.4	31.4	26.2	24.3	45.9	63.8	55.6	71.3	66.9	
Neg DIR	Num	3	449	163	2	23	14	2	8	39	36	1	1	26	
	Flex	0.00	0.00	0.00	0.33	0.28	0.90	0.60	0.33	0.34	0.91	7.29	0.26	0.63	
	Rigid	0.00	0.00	0.00	0.44	0.28	1.28	0.99	0.37	0.48	1.67	10.03	0.33	1.01	
	GVW	7.4	7.5	8.3	18.7	16.6	33.8	27.7	23.8	38.4	58.7	123.8	48.7	55.1	
Pos DIR	Num	1	486	172	4	31	15	1	8	50	65	1	1	49	
	Flex	0.00	0.00	0.00	0.50	0.22	0.54	0.57	0.40	0.83	1.11	3.19	3.84	0.88	
	Rigid	0.00	0.00	0.00	0.58	0.22	0.74	0.73	0.44	1.34	2.15	5.15	5.43	1.48	
	GVW	7.1	7.5	8.5	18.7	16.2	29.4	35.7	24.9	51.7	66.6	73.2	169.9	72.9	
Neg 1	Num	3	449	163	2	23	14	2	8	39	36	1	1	26	
	Flex	0.00	0.00	0.00	0.33	0.28	0.90	0.60	0.33	0.34	0.91	7.29	0.26	0.63	
	Rigid	0.00	0.00	0.00	0.44	0.28	1.28	0.99	0.37	0.48	1.67	10.03	0.33	1.01	
	GVW	7.4	7.5	8.3	18.7	16.6	33.8	27.7	23.8	38.4	58.7	123.8	48.7	55.1	
Pos 1	Num	1	486	172	4	31	15	1	8	50	65	1	1	49	
	Flex	0.00	0.00	0.00	0.50	0.22	0.54	0.57	0.40	0.83	1.11	3.19	3.84	0.88	
	Rigid	0.00	0.00	0.00	0.58	0.22	0.74	0.73	0.44	1.34	2.15	5.15	5.43	1.48	
	GVW	7.1	7.5	8.5	18.7	16.2	29.4	35.7	24.9	51.7	66.6	73.2	169.9	72.9	

Num = 1 vehicle / day
 Flex = 7.29 * 18,000 pounds equivalent damage per axle.
 Rigid = 10.03 * 18,000 pounds equivalent damage per axle.
 GVW = Gross Vehicle Weight

Num: Daily volume
 Flex: asphalt surface
 Rigid: concrete surface
 GVW: Gross Vehicle Weight (kips)
 Flex/Rigid value refers to the equivalent road damage per 18,000 pound axle. (i.e. 0.1 = 0.1 * 18,000 pounds per axle worth of damage. See section 4.2 for more)

4.18 Monthly Class Distribution Report (MCO1)

This report provides a summary of monthly averages for each axle classification.

Osoyoos (WIM) September 2008 MCO1 Report

British Columbia Ministry of Transportation

Monthly Class Distribution for September 2008

'County' does not apply to BCMoT reports. Text field used to display posted speed instead.

'Funct.' does not apply to BCMoT reports.

Site Names: Osoyoos (WIM) - W-26-3NS - N, W-26-3NS
 County: Posted Speed = 80 kph
 Funct.: Urban Principal Arterial - Other
 Location: Route 97 0.465 Km North Of Canada-USA Border South Of Osoyoos

	Roadway	Southbound lane	DIR	Neg 1	Pos 1	Northbound lane
1	Motorcycle	2	0	2	0	2
2	Pass.Veh.	1,217	608	609	608	609
3	PU/SUV	431	215	216	215	216
4	Bus	4	3	1	3	1
5	2Axle6Tire	22	11	11	11	11
6	SU 3 Axle	20	10	10	10	10
7	SU 4+ Axle	2	1	1	1	1
8	ST 4- Axle	15	8	7	8	7
9	ST 5 Axle	67	38	29	38	29
10	ST 6+ Axle	69	35	35	35	35
11	MT 5- Axle	1	1	0	1	0
12	MT 6 Axle	3	2	2	2	2
13	MT 7+ Axle	16	8	8	8	8
14	UNCL	159	77	82	77	82
Trucks						
	Trucks	220	116	104	116	104
Combo Trucks						
	Combo Trucks	172	91	81	91	81
	Classified	1,870	939	931	939	931
	% Unclass	7.83	7.58	8.07	7.58	8.07
	Num Days	7	7	7	7	7
	Total	2,029	1,016	1,013	1,016	1,013

Weight Classes
 SU # Axles = Single Unit # Axles
 ST # Axles = Single Trailer # Axles
 MT # Axles = Multi-Trailer # Axles
 UNCL = Unclassified vehicles

Trucks = sum of bins 4 – 13
 Combo Trucks = sum of bins 8 – 13
 Classified = number of vehicles that were classified
 % Unclass = UNCL/ Total
 Total = total number of vehicles counted

Site Layout

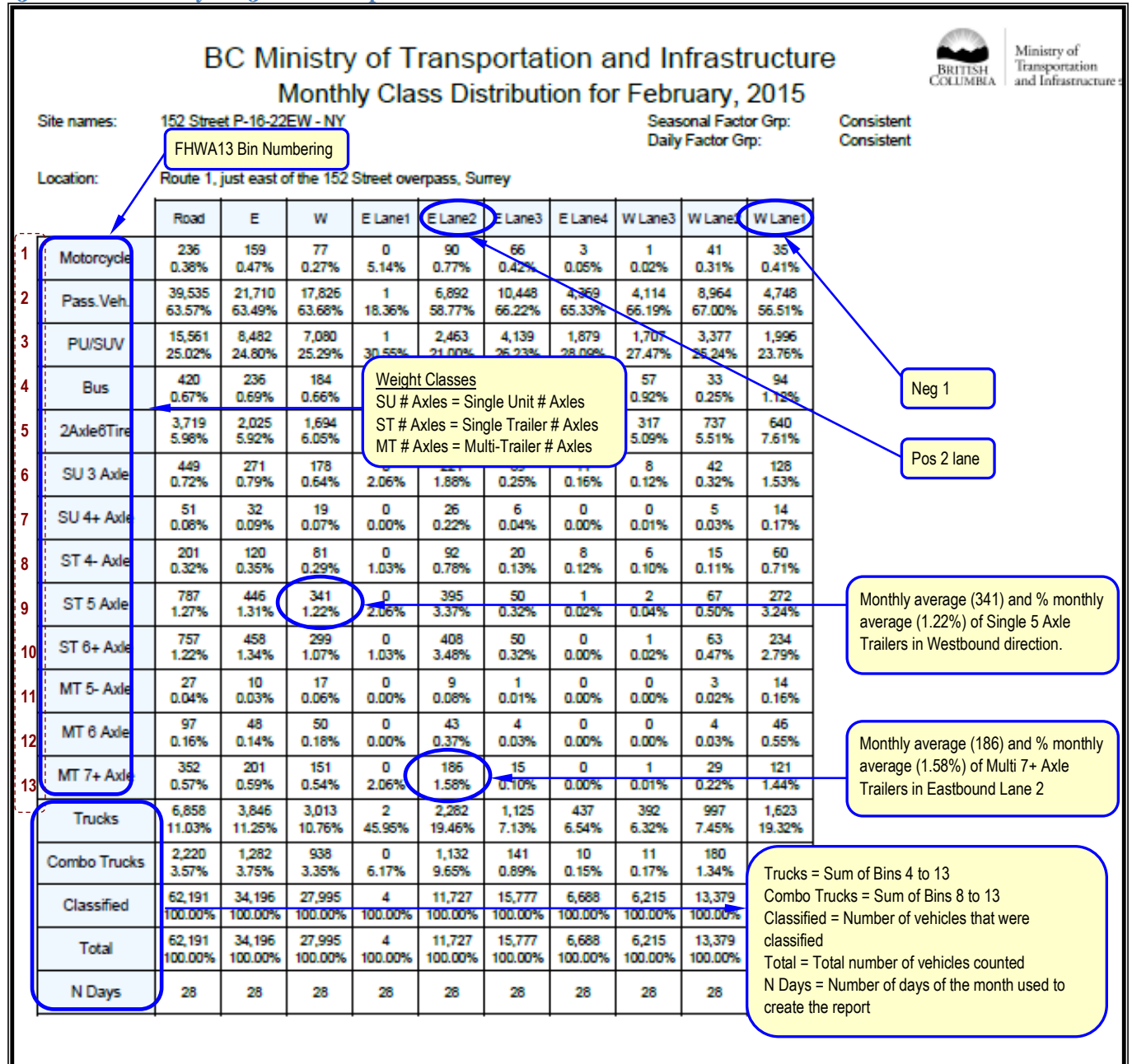
↓
Neg
1

↑
Pos
1

4.19 Monthly Class Distribution Report (MCO1P)

This report provides a summary of monthly averages for each axle classification.

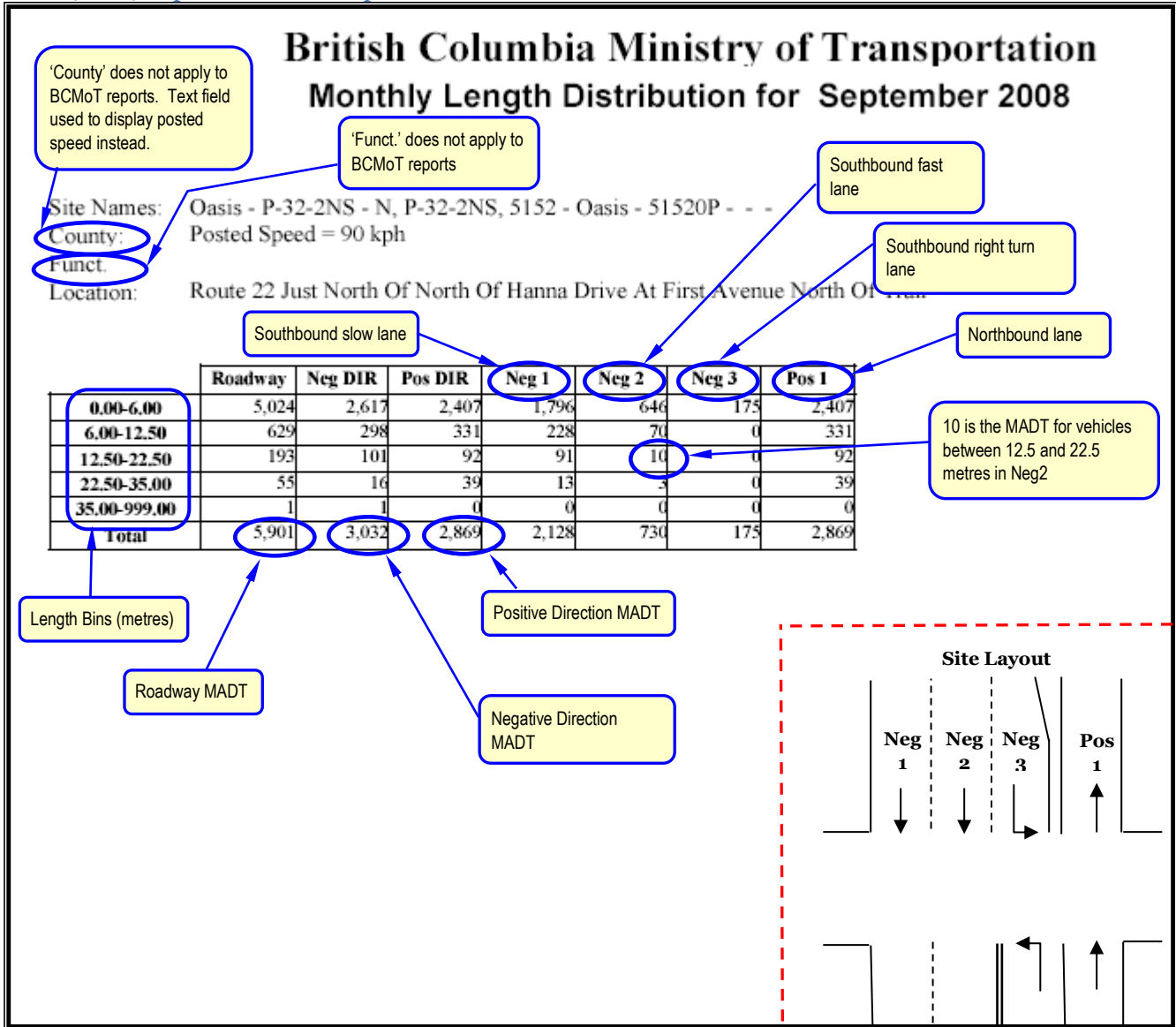
152 Street February 2015 MCO1P Report



4.20 Monthly Length Distribution Report (ML01)

This report provides a breakdown of the monthly average daily vehicle volume, per length bin, for each lane, direction, and the overall roadway.

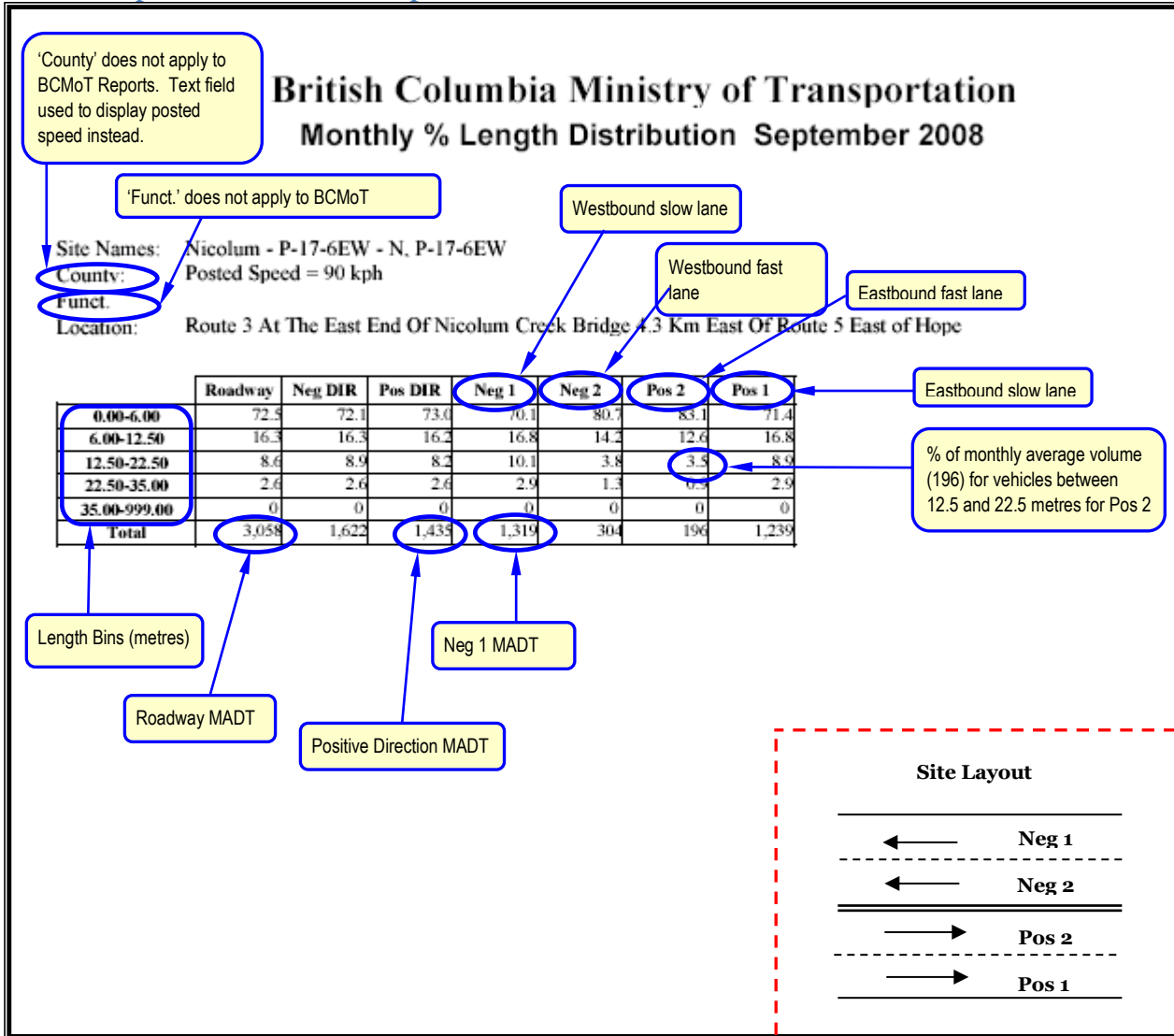
Oasis (WIM) September 2008 Report



4.21 Monthly % Length Distribution Report (ML02)

This report provides a breakdown of the monthly average daily vehicle volume percentage, per length bin, for each lane, direction, and the overall roadway.

Nicolum September 2008 ML02 Report



4.22 Monthly Length Distribution Report (MLO1P)

This report provides a breakdown of the monthly average daily vehicle volume and daily vehicle volume percentage, per length bin, for each lane, direction, and the overall roadway.

152 Street January 2015 MLO1P Report

BC Ministry of Transportation and Infrastructure
Monthly Length Distribution for January, 2015

Site names: 152 Street P-16-22EW - NY Seasonal Factor Grp: Consistent
Daily Factor Grp: Consistent

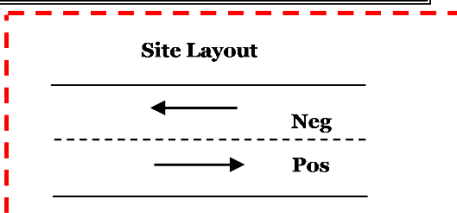
Location: Route 1, just east of the 152 Street overpass, Surrey

Length Bins (metres)	Road	E	W	E Lane1	E Lane2	E Lane3	E Lane4	W Lane3	W Lane2	W Lane1
0-6	57,108 89.95%	29,086 90.79%	28,022 89.10%	2 53.18%	9,099 81.36%	14,125 95.73%	5,861 96.13%	5,718 94.71%	13,201 94.42%	9,104 79.61%
6-12.5	3,870 6.10%	1,678 5.24%	2,192 6.97%	1 37.89%	1,019 9.11%	489 3.31%	169 2.77%	232 3.85%	655 4.82%	1,305 11.61%
12.5-22.5	1,798 2.83%	929 2.90%	868 2.76%	0 8.93%	752 6.73%	111 .75%	67 1.09%	80 1.32%		
22.5-35	711 1.12%	343 1.07%	368 1.17%	0 .00%	312 2.79%	31 .21%	0 .00%	7 .12%		
35-999	3 .01%	2 .01%	2 .01%	0 .00%	1 .01%	1 .01%	0 .00%	0 .00%	1 .00%	1 .01%
Total	63,490 100.00%	32,038 100.00%	31,452 100.00%	3 100.00%	11,183 100.00%	14,755 100.00%	6,097 100.00%	6,037 100.00%	13,980 100.00%	11,435 100.00%

Daily average volume for vehicles between 12.5 and 22.5 metres during January 2015, in E Lane4: 67

Positive Direction AADT

Negative Direction AADT

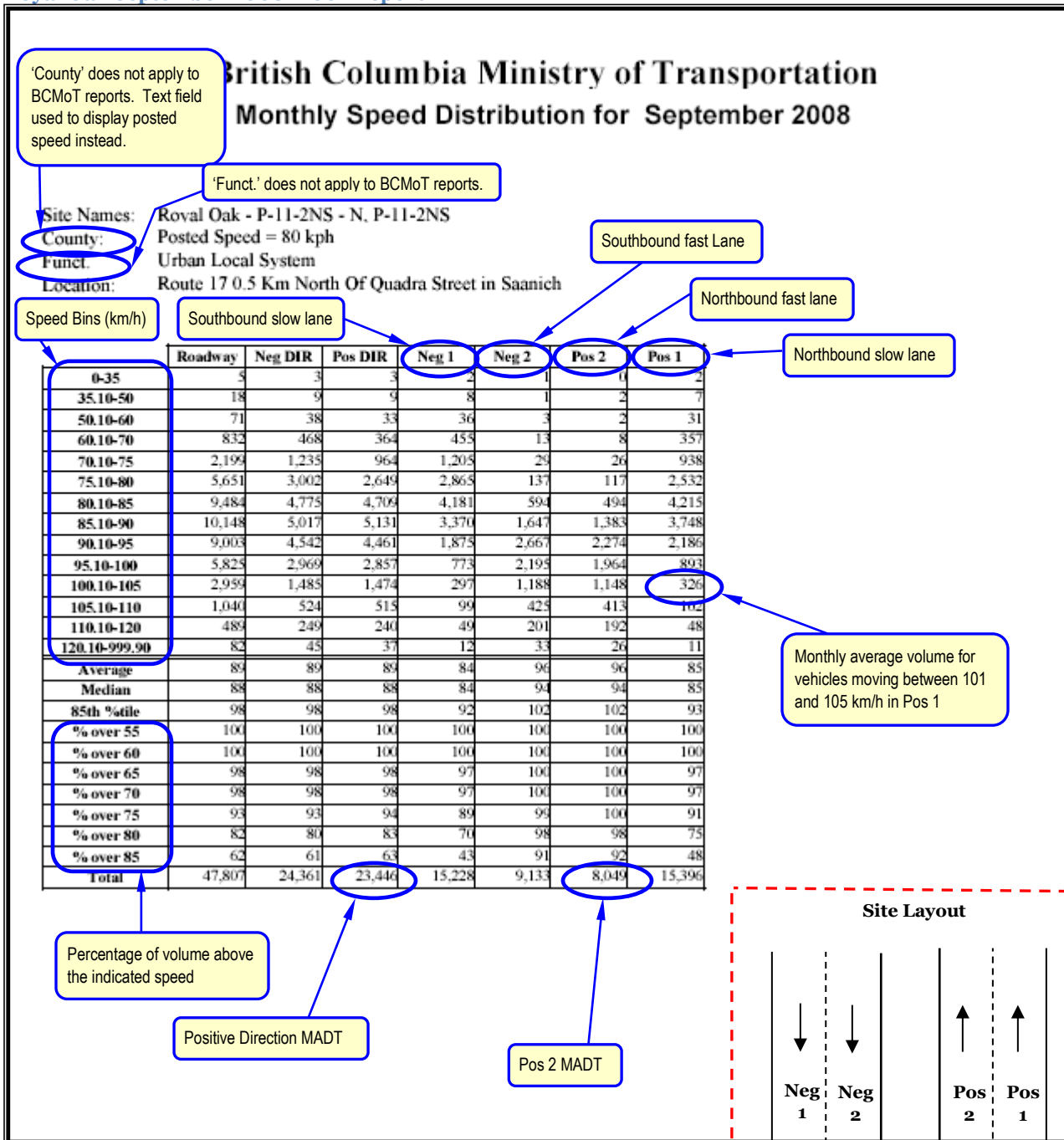


In some cases, roadway totals may not be equal to the sum of the Neg and the Pos direction due to rounding.

4.23 Monthly Speed Distribution Report (MSO1)

This report provides a breakdown of the monthly average daily vehicle volume, per speed bin, for each lane, direction, and the overall roadway during a month. In addition, the average, median, 85th percentile, and % above certain speeds are also provided.

Royal Oak September 2008 MSO1 Report



4.24 Monthly Speed Distribution Report (MSO1P)

This report provides a breakdown of the monthly average daily vehicle volume and daily vehicle volume percentage, per speed bin, for each lane, direction, and the overall roadway during a month. In addition, the average, median, 85th percentile, and % above certain speeds are also provided.

152 Street January 2018 MSO1P Report

BC Ministry of Transportation and Infrastructure										
Monthly Speed Distribution for January 2015										
Site names: 152 Street P-16-22EW - NY			Seasonal Factor Grp: Consistent				Daily Factor Grp: Consistent			
Location: Route 1, just east of the 152 Street overpass, Surrey										
Speed Bins (km/h)	Road	E	W	E Lane1	E Lane2	E Lane3	E Lane4	W Lane3	W Lane2	W Lane1
0-45	73 .11%	6 .02%	67 .21%	1 19.95%	3 .03%	2 .01%	0 0%	6 .1%	34 .24%	28 .24%
45.1-60	130 .2%	63 .2%	67 .21%	1 18.59%	56 .5%	5 .04%	0 0%	13 0%	18 .12%	36 .32%
60.1-70	3,196 5.04%	1,366 4.26%	1,832 5.83%	1 24.56%	399 9.53%	29 .2%	4 .02%	44 2.48%	63 2.39%	290 2.54%
70.1-80	3,594 5.66%	1,576 4.92%	2,018 6.42%	1 24.56%	1,066 9.53%	261 2.94%	1,776 6.2%	201 3.32%	471 3.37%	1,347 11.78%
80.1-85	6,338 9.98%	2,465 7.69%	3,873 12.31%	0 1.23%	1,384 12.37%	825 5.59%	257 4.21%	436 7.23%	1,176 8.42%	2,260 19.77%
85.1-90	8,741 13.77%	4,670 14.58%	4,071 12.94%	0 2.46%	2,324 20.78%	1,736 11.77%	610 10%	564 9.34%	1,601 11.45%	1,906 16.67%
90.1-95	10,516 16.72%	5,386 16.81%	5,229 16.63%	0 2.87%	1,936 17.32%	2,561 17.35%	889 14.58%	911 15.08%	2,534 18.12%	1,785 15.61%
100.1-105	11,835 18.64%	6,192 19.33%	5,642 17.94%	0 1.23%	1,499 13.41%	3,417 23.16%	1,276 20.92%	1,214 20.1%	3,138 22.45%	1,290 11.28%
105.1-110	7,789 12.27%	3,154 9.84%	4,635 14.74%	0 1.23%	578 5.17%	1,819 12.33%	757 12.42%	1,225 20.28%	2,686 19.21%	725 6.34%
110.1-115	5,946 9.37%	4,338 13.54%	1,608 5.11%	0 0%	606 5.42%	2,474 16.77%	1,258 20.63%	510 8.45%	905 6.47%	194 1.69%
115.1-120	2,651 4.18%	1,173 3.66%	1,479 4.7%	0 0%	144 1.29%	619 4.2%	409 6.71%	535 8.85%	778 5.56%	166 1.45%
120.1-130	1,547 2.44%	1,117 3.49%	431 1.37%	0 0%	134 1.2%	531 3.6%	451 7.89%	182 3.02%	202 1.44%	47 .41%
130.1-150	204 .32%	102 .32%	102 .32%	0 2.87%	14 .12%	42 .28%	46 .28%	47 .78%	42 .3%	13 .11%
Average	98	100	97	72	93	102				91
Median				60	94	102				91
85th %tile	111	112	109	70	104	113	115	114	110	103
% over 55	100	100	100	67	99	100	100	100	100	99
% over 60	100	100	100	67	99	100	100	100	100	99
% over 65	98	98	98	33	96	100	100	99	99	97
% over 70				33	100	100				
% over 75	93	94	92	0	86	98	99			
% over 80	93	94	92	0	86	98	99			
% over 85	88	89	86	0	77	95	98			
Total	63,490	32,038	31,452	3	11,183	14,755	6,097			

Site Layout

4.25 Monthly Volume Calendar (MVo2)

This report provides a daily roadway traffic breakdown for each day of the month. In addition, MADT, MAWDT, and MAWET statistics are displayed. MADW, STD, and DAF statistics are also displayed.

Castlegar September 2008 MVo2 Report

British Columbia Ministry of Transportation

Monthly Volume Calendar

Site Names: Castlegar - P-32-1EW - N, P-32-1EW
 County: County
 Funct.: Funct.
 Location: Route 3 5.1 Km West Of Route 3a In Castlegar

Num Days: 30
 MADT: **2,393**
 MAWDT: **2,404**
 MAWET: **2,171**

Road = Total Roadway Volume
 Neg DIR = Total Negative Direction Volume
 Pos DIR = Total Positive Direction Volume

September 2008

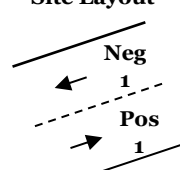
Num Days = Number of days in the reported month
 MADT = Monthly Average Daily Traffic
 MAWDT = Monthly Average Weekday Traffic
 MAWET = Monthly Average Weekend Traffic

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
		1	2	3	4	5	6	
Road			3,277	2,515	2,342	2,526	2,816	2,216
Neg DIR			1,504	1,242	1,153	1,265	1,437	1,092
Pos DIR			1,773	1,273	1,189	1,261	1,379	1,124
	7	8	9	10	11	12	13	
Road	2,285	2,533	2,421	2,441	2,475	2,941	2,045	
Neg DIR	1,106	1,234	1,187	1,215	1,292	1,558	1,045	
Pos DIR	1,179	1,299	1,234	1,226	1,183	1,383	1,000	
	14	15	16	17	18	19	20	
Road	2,463	2,444	2,285	2,240	2,387	2,792	2,048	
Neg DIR	1,142	1,197	1,134	1,128	1,256	1,443	1,003	
Pos DIR	1,321	1,247	1,151	1,112	1,131	1,349	1,045	
	21	22	23	24	25	26	27	
Road	2,242	2,271	2,254	2,307	2,271	2,634	1,938	
Neg DIR	1,150	1,145	1,130	1,205	1,186	1,380	963	
Pos DIR	1,092	1,126	1,124	1,102	1,085	1,254	975	
	28	29	30					
Road	2,128	2,263	2,083					
Neg DIR	1,036	1,098	1,016					
Pos DIR	1,092	1,165	1,067					
MADW	2,280	2,558	2,312	2,333	2,415	2,796	2,062	
STD	139	418	166	84	112	126	115	
DAF	1.05	0.94	1.04	1.03	0.99	0.86	1.16	

DAF = Daily Factor = MADT / MADW
 Sunday DAF = 2393 / 2280 = 1.05

STD = Standard Deviation of Days of the Week Road Volume
 e.g. Wednesday STD of 2342, 2441, 2240, 2307 = 84

Site Layout



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4.26 Monthly Volume Calendar (MVo1P)

This report provides a daily roadway traffic breakdown for each day of the month. In addition, MADT, MAWDT, and MAWET statistics are displayed. MADW, STD, and DAF statistics are also displayed.

152 Street January 2015 MVo1P Report

BC Ministry of Transportation and Infrastructure
Monthly Volume Calendar

Road	E	W
MADT	32,165	31,573
MAWDT	34,783	34,091
MAWET	24,908	24,494
N DAYS	31	

Site names: 152 Street P-16-22EW - NY Seasonal Factor Grp: Consistent
 Daily Factor Grp: Consistent

Location: Route 1, just east of the 152 Street overpass, Surrey

January 2015

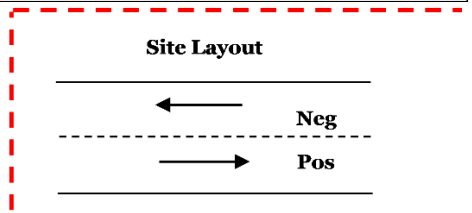
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Date
28	29	30	31	01	02	03	Road E W
				41,154 21,452 19,702	56,288 28,385 27,903	50,834 25,106 25,728	
04	05	06				10	
36,477 18,445 18,032	61,789 31,031 30,758	67,942 34,007 33,935				55,085 27,469 27,616	
11	12	13				17	
45,166 22,917 22,249	67,778 34,160 33,618	70,815 35,805 35,010				56,016 27,951 28,065	
18	19	20				24	
44,440 22,327 22,113	70,184 35,711 34,473	71,055 35,764 35,291				55,534 27,684 27,850	
25	26	27				31	
50,086 25,252 24,834	69,536 35,182 34,354	71,740 35,960 35,780				56,351 29,703 26,648	
44,042 5,633 1.45	67,322 3,826 .95	70,388 1,677 .91	71,447 3,538 .89	66,344 14,174 .96	71,865 8,950 .89	54,764 2,249 1.16	

MADT = Monthly Average Daily Traffic
 MAWDT = Monthly Average Weekday Traffic
 MAWET = Monthly Average Weekend Traffic
 N Days = Number of days in the reported month

Road = Total Roadway Volume
 Neg DIR = Total Negative Direction Volume
 Pos DIR = Total Positive Direction Volume

MADW = Monthly Average Day of the Week Volume. e.g. Saturday: $MADW = (50834 + 55085 + 56016 + 55534 + 56351) / 5 = 54764$
 STD = Standard Deviation of Days of the Week Road Volume. e.g. Saturday STD of (50834, 55085, 56016, 55534, 56351) = 2249
 DAF = Daily Factor = MADT / MADW. e.g. Saturday DAF = $63738 / 54764 = 1.16$

The last row of statistics contains MADW, standard deviation, and day factor.



4.27 Monthly Hourly Volume Report (MVO3)

This report provides a daily breakdown of hourly traffic for each day of the month. It provides the traffic data for the roadway as well as both directions (Neg DIR, Pos DIR).

Campbell River Road September 2008 MVO3 Report

'County' does not apply to BCMoT reports. Text field used to display posted speed instead.

Traffic data from permanent count sites is used to generate adjustment factors for different traffic patterns. Factors are then applied to short count sites to generate summary statistics. BCMoT does not use axle or growth

British Columbia Ministry of Transportation

Roadway, Monthly Hourly Volume for September 2008

Site Names: P-63-1NS
 County:
 Funct.:
 Location: Route 99 Just South Of 8 Avenue In White Rock

'Funct.' does not apply to BCMoT reports.

Seasonal Factor Group: Seasonal
 Daily Factor Group: Seasonal
 Axle Factor Group: Seasonal
 Growth Factor Group: Seasonal

	0:00	1:00	2:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Total
01	276	123	65	484	509	503	497	429	478	401	316	307	177	7529
02	111	61	46	323	408	355	370	311	275	233	166	140	90	5528
03	50	34	22	344	372	351	368	336	253	202	205	120	67	5010
04	41	28	15	307	361	376	311	303	392	335	293	172	99	5315
05	50	26	27	421	479	474	48	421	479	474	48	201	144	6266
06	92	56	35	423	403	402	372	303	392	335	293	304	222	6884
07	158	83	71	452	477	438	439	434	396	425	359	404	207	7124
08	66	40	21	340	359	350	385	310	215	234	186	123	89	5368
09	49	27	15	288	322	337	339	258	256	165	178	109	80	4824
10	51	25	16	354	333	395	285	319	231	220	205	144	104	5216
11	52	35	19	380	304	410	368	300	303	224	215	124	102	5286
12	46	32	31	354	473	527	502	423	369	379	321	298	170	6580
13	84	65	33	368	384	338	359	340	371	352	261	266	202	6459
14	133	69	47	427	446	488	508	504	529	471	432	300	154	7175
15	94	45	32	370	311	295	303	267	282	211	183	125	88	4985
16	42	33	16	242	235	310	280	254	260	202	187	117	75	4227
17	49	23	15	243	282	296	307	253	222	221	176	108	92	4435
18	35	24	21	303	359	302	336	319	241	196	176	114	106	4693
19	54	31	21	404	445	421	344	402	349	329	259	147	149	5976
20	83	50	34	418	353	338	375	352	290	314	296	278	232	6567
21	127	124	70	493	454	400	484	490	574	556	355	249	173	7243
22	55	47	31	339	365	324	339	267	218	208	214	125	95	4903
23	51	37	17	267	302	295	277	283	187	197	179	114	79	4187
24	36	23	28	295	294	271	264	273	209	179	155	87	75	4112
25	36	22	14	287	341	293	311	268	216	206	179	149	87	4539
26	57	33	16	392	492	486	433	426	349	314	315	163	144	6266
27	97	61	40	418	436	414	345	352	322	323	363	284	218	6516
28	128	79	37	429	522	525	419	448	476	490	351	341	167	6514
29	64	46	36	310	374	407	355	278	274	226	214	104	80	5278
30	47	19	14	261	349	294	280	293	238	182	151	113	62	4459

Day of the Month

* Roadway, Pos DIR, and Neg DIR are each displayed on separate pages in MVO3 Reports

Daily Traffic Volume Totals

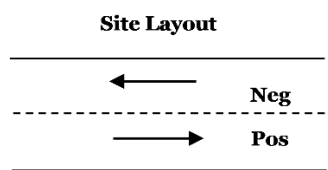
4.28 Monthly Hourly Volume Report (MVO3P)

This report provides a daily breakdown of hourly traffic for each day of the month. It provides the traffic data for the roadway, direction (Pos DIR, Neg DIR), and each lane.

152 Street January 2015 MVO3P Report

BC Ministry of Transportation and Infrastructure		Road, Monthly Hourly Volume for January 2015																								Total	
Site names: 152 Street P-16-22EW - NY																											
Location: Route 1, just east of the 152 Street overpass, Surrey																											
	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Total		
01	1,295	1,495	780	507	351	332	491	590	798	1,239	2,019	2,662	3,043	3,151	3,048	3,302	3,522	3,151	2,109	1,800	1,649	1,507	1,630	683	41,154		
02	339	212	143	155	309	1,080	2,199	2,940	2,876	3,030	3,496	3,719	3,911	3,899	4,085	4,677	4,588	3,984	2,958	2,250	1,642	1,528	1,357	951	56,288		
03	664	394	307	212	237	435	862	1,401	1,996	2,390	2,973	3,472	3,716	3,737	3,845	4,128	4,198	3,998	2,982	2,215	1,884	1,721	2,043	1,228	50,834		
04	736	474	331	217	173	339	507	698	900	1,129	1,421	1,662	1,812	1,812	1,812	1,812	1,812	1,812	1,812	1,812	1,812	1,812	1,812	1,812	36,477		
05	281	211	149	178	438	1,940	3,030	3,496	3,719	3,911	3,899	4,085	4,677	4,588	3,984	2,958	2,250	1,642	1,528	1,357	951	683	490	61,789			
06	305	223	159	181	469	1,940	3,030	3,496	3,719	3,911	3,899	4,085	4,677	4,588	3,984	2,958	2,250	1,642	1,528	1,357	951	683	490	67,942			
07	385	243	186	189	456	1,812	2,043	2,284	2,525	2,766	2,998	3,239	3,472	3,716	3,957	4,198	4,439	4,680	4,921	5,162	5,403	5,644	5,885	6,126	66,749		
08	388	236	202	211	464	2,043	2,284	2,525	2,766	2,998	3,239	3,472	3,716	3,957	4,198	4,439	4,680	4,921	5,162	5,403	5,644	5,885	6,126	6,367	72,078		
09	410	259	210	224	439	1,812	2,043	2,284	2,525	2,766	2,998	3,239	3,472	3,716	3,957	4,198	4,439	4,680	4,921	5,162	5,403	5,644	5,885	6,126	73,811		
10	693	408	280	226	255	576	1,153	1,750	2,619	2,969	3,421	3,549	3,969	3,973	3,790	4,116	4,464	4,254	3,183	2,151	1,709	1,840	2,445	1,262	55,085		
11	858	502	304	255	215	333	640	1,002	1,503	2,380	2,890	3,225	3,679	3,702	3,581	3,646	3,668	3,357	2,481	1,128	1,889	1,441	922	585	45,186		
12	311	195	145	193	471	2,072	5,103	5,718	4,755	3,681	3,583	3,258	3,359	3,505	4,140	5,551	6,206	5,691	3,190	2,057	1,478	1,516	989	633	67,778		
13	372	222	185	226	468	2,159	5,057	5,994	5,103	3,918	3,417	3,396	3,427	3,638	4,298	5,617	6,620	5,524	3,761	2,240	1,694	1,667	1,165	647	70,815		
14	363	224	161	201	467	2,032	5,069	6,004	5,127	4,145	3,442	3,521	3,466	3,740	4,475	5,829	6,222	2,945	4,553	2,819	1,799	1,715	1,313	1,279	70,906		
15	433	266	195	207	464	2,058	5,028	6,013	4,984	4,005	3,499	3,510	3,603	3,808	4,531	5,550	6,174	6,010	3,892	2,415	1,882	1,743	1,237	708	72,216		
16	461	286	182	236	489	1,892	4,716	4,675	4,981	3,957	3,620	3,783	3,894	4,172	4,819	5,917	6,600	6,030	4,307	2,729	1,989	1,878	1,723	1,320	74,857		
17	805	503	347	282	293	583	1,215	1,819	2,681	3,085	3,427	3,649	4,128	3,923	3,976	4,143	4,261	4,285	3,391	2,458	1,861	1,977	1,704	1,320	56,016		
18	890	495	302	244	223	367	728	1,085	1,472	2,257	2,946	3,354	3,551	3,334	3,367	3,361	3,495	3,331	2,568	2,238	1,863	1,410	1,005	574	44,440		
19	324	216	145	174	449	2,091	5,055	5,989	4,832	3,871	3,494	3,552	3,660	3,686	4,370	5,670	6,543	5,623	3,468	2,125	1,634	1,572	1,027	634	70,184		
20	350	244	173	216	482	2,146	5,145	6,115	4,997	3,985	3,429	3,393	3,512	3,660	4,479	5,689	6,115	5,809	3,766	2,145	1,778	1,642	1,117	688	71,055		
21	407	254	191	238	506	2,070	5,183	6,230	5,147	4,141	3,446	3,438	3,548	3,668	4,452	5,891	6,798	5,927	3,644	2,255	1,910	1,836	1,248	776	73,207		
22	444	280	198	189	452	2,099	5,048	5,991	5,034	3,424	2,542	3,017	3,607	3,840	4,611	5,801	6,556	5,800	3,818	2,439	1,945	1,852	1,225	771	70,963		
23	473	275	200	207	481	1,859	4,892	5,807	4,847	4,128	3,903	3,798	4,034	4,199	4,978	5,932	6,635	5,808	3,976	2,657	1,964	1,895	1,452	1,159	75,353		
24	729	477	296	257	254	467	1,058	1,731	2,539	3,042	3,378	3,661	4,028	3,895	3,873	3,986	4,770	4,309	3,347	2,480	1,917	1,854	1,834	1,352	55,534		
25	968	539	323	248	259	317	681	1,045	1,588	2,555	3,257	3,617	4,035	4,140	3,914	4,132	4,188	3,828	2,893	2,432	2,095	1,591	1,025	616	50,086		
26	346	179	142	194	442	2,107	4,967	5,954	4,785	3,853	3,446	3,476	3,544	3,697	4,289	5,538	6,409	5,678	3,467	2,142	1,580	1,545	1,097	656	69,536		
27	428	239	164	196	470	2,135	5,046	5,978	5,144	3,985	3,293	3,346	3,459	3,586	4,328	5,751	6,613	5,959	3,519	2,164	1,718	1,907	1,627	685	71,740		
28	389	206	196	198	472	2,082	5,209	6,264	5,089	4,107	3,553	3,841	3,657	3,770	3,950	5,668	6,859	6,626	4,374	2,669	1,920	1,825	1,250	751	74,925		
29	406	245	191	251	457	2,103	5,225	6,238	5,180	4,086	3,588	3,552	3,672	3,817	4,714	5,962	6,650	6,288	4,049	2,433	2,017	1,999	1,386	820	75,309		
30	526	307	192	286	528	2,005	4,828	5,932	4,986	4,140	3,781	3,859	3,958	4,348	5,147	6,218	7,038	6,272	4,406	2,889	2,059	2,019	2,218	1,192	79,214		
31	867	515	334	275	272	522	1,166	2,023	2,747	3,098	3,472	3,795	3,901	3,920	3,827	4,106	4,378	4,485	3,496	2,260	1,766	2,078	1,845	1,226	56,351		

Day of the Month



* Roadway, Pos DIR, and Neg DIR are each displayed on separate pages in MVO3P Reports

Daily Traffic Volume Totals

4.29 Monthly Hourly Day of Week Summary Report (MVo4)

This report provides a monthly breakdown of the average traffic occurring during each hour of the week.

Anahim September 2008 MVo4 Report

British Columbia Ministry of Transportation Monthly Hourly Day of Week Summary for September 2008

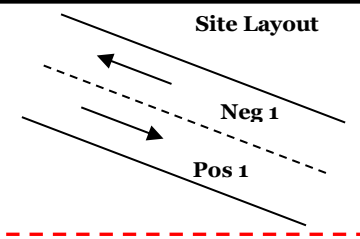
'County' does not apply to BCMoT reports. Text field used to display posted speed instead.

Traffic data from permanent count sites is used to generate adjustment factors for different traffic patterns. Factors are then applied to short count sites to generate summary statistics. BCMoT does not use axle or growth statistics.

Seasonal Factor Group:
Daily Factor Group:
Axle Factor Group:
Growth Factor Group:

Highly Seasonal
Highly Seasonal
Highly Seasonal

Site Layout



Site Names: Anahim - P-29-1EW - N, P-29-1EW, 6166 -
County: Posted Speed = 80 kph
Funct.:
Location: Route 20 1.2 Km West Of Anahim Street In Anahim Lake

'Funct.' does not apply to BCMoT reports.

See "Factor Groups" in Glossary

	Sunday			Monday			Tuesday			Wednesday			Thursday			Friday			Saturday					
	Road	Neg DIR	Pos DIR	Road	Neg DIR	Pos DIR	Road	Neg DIR	Pos DIR	Road	Neg DIR	Pos DIR	Road	Neg DIR	Pos DIR	Road	Neg DIR	Pos DIR	Road	Neg DIR	Pos DIR			
0:00	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0
1:00	1	0	1	1	0	1	1	1	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	7	5	2	10	5	5	10	4	5	7	5	3	8	5	3	12	6	6	8	4	4	4	4	4
19:00	6	3	3	10	4	5	7	5	2	6	3	2	6	2	4	10	7	3	10	4	6	6	6	6
20:00	8	5	4	7	4	2	5	2	3	5	3	2	7	4	3	6	3	3	5	1	4	4	4	4
21:00	4	3	1	4	3	2	3	2	1	4	3	1	3	2	1	4	2	2	6	3	3	3	3	3
22:00	3	1	2	3	2	1	1	1	0	1	0	1	4	3	1	2	1	1	3	2	1	1	1	1
23:00	1	1	0	1	1	0	1	1	0	1	0	0	2	1	1	2	1	1	1	1	0	0	0	0
MADW	180	91	90	218	107	111	188	92	96	193	96	97	189	95	94	203	103	101	170	82	88	88	88	88
NDAYS	4	4	4	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

MADW = Monthly Average Day of Week Volume

NDAYS = Number of Days used to calculate the day of week averages

4.30 Monthly Hourly Day of Week Summary Report (MVo4P)

This report provides a monthly breakdown of the average traffic occurring during each hour of the week.

152 Street January 2015 MVo4P Report

BC Ministry of Transportation and Infrastructure																						
Monthly Hourly Day of Week Summary for January 2015																						
Site names: 152 Street P-16-22EW - NY																						
Location: Route 1, just east of the 152 Street overpass, Surrey																						
Seasonal Factor Grp: Consistent											Daily Factor Grp: Consistent											
See "Factor Groups" in Glossary																						
	SUN			MON			TUE			WED			THU			FRI			SAT			
	Road	E	W	Road	E	W	Road	E	W	Road	E	W	Road	E	W	Road	E	W	Road	E	W	
00:00	863	539	323	315	183	131	363	215	146	386	246	139	589	342	246	441	283	158	751	454	297	
01:00	502	319	182	200	124	76	232	141	90	231	132	99	500	298	201	267	158	109	459	294	164	
02:00	315	206	108	145	81	64						83	313	189	123	185	112	72	312	194	118	
03:00	241	150	90	184	77	107						111	273	152	120	217	104	113	246	146	99	
04:00	217	116	101	450	125	324						346	437	157	280	449	130	318	262	123	138	
05:00	336	148	188	2,054	426	1,627						1,570	1,719	373	1,346	1,738	379	1,358	512	202	310	
06:00	666	277	388	4,974	1,307	3,666						3,590	4,173	1,097	3,075	4,257	1,124	3,133	1,090	404	686	
07:00	995	536	459	5,787	2,262	3,524						3,575	4,957	1,882	3,074	5,003	1,978	3,025	1,744	790	954	
08:00	1,451	740	710	4,679	1,780	2,898	4,983	1,913	3,070	4,974	1,980	2,994	4,215	1,672	2,542	4,500	1,807	2,693	2,512	1,146	1,366	
09:00	2,257	1,101	1,156	3,686	1,588	2,098	3,866	1,637	2,229	4,031	1,718	2,312	3,321	1,499	1,821	3,842	1,684	2,157	2,913	1,345	1,567	
10:00	2,878	1,417	1,461	3,344	1,502	1,841	3,323	1,501	1,822	3,445	1,563	1,882	2,998	1,472	1,526	3,676	1,732	1,943	3,334	1,635	1,698	
11:00	3,177	1,593	1,583	3,314	1,663	1,651	3,332	1,602	1,730	3,546	1,722	1,824	3,244	1,630	1,613	3,769	1,868	1,900	3,625	1,756	1,869	
12:00	3,509	1,730	1,778	3,408	1,828	1,580	3,422	1,763	1,659	3,509	1,825	1,684	3,490	1,784	1,706	3,907	2,058	1,849	3,948	1,984	1,984	
13:00	3,565	1,719	1,846	3,535	1,990	1,545	3,581	1,965	1,615	3,649	2,006	1,642	3,671	1,997	1,674	4,109	2,269	1,839	3,889	1,934	1,955	
14:00	3,444				2,516	1,615	4,331	2,593	1,737	4,270	2,506	1,764	4,277	2,474	1,803	4,772	2,783	1,989	3,862	1,994	1,868	
15:00	3,544				3,400	2,060	5,602	3,471	2,130	5,732	3,510	2,222	5,273	3,109	2,164	5,769	3,460	2,309	4,095	2,114	1,981	
16:00	3,524				3,954	2,320	6,368	3,973	2,394	6,567	4,030	2,536	5,886	3,500	2,385	6,321	3,723	2,598	4,414	2,203	2,210	
17:00	3,233	1,649	1,584	5,525	3,407	2,118	5,854	3,490	2,364	5,309	3,000	2,308	5,474	3,180	2,294	5,555	3,168	2,386	4,258	2,147	2,111	
18:00	2,476	1,216	1,259	3,221	1,902	1,319	3,585	2,101	1,484	3,985	2,518	1,466	3,442	2,014	1,428	3,923	2,122	1,801	3,279	1,643	1,636	
19:00	2,125	1,103	1,022	2,004						27	2,466	1,530	936	2,274	1,330	944	2,645	1,478	1,166	2,312	1,183	1,129
20:00	1,614	896	918	1,535						09	1,847	1,083	764	1,838	1,068	769	1,889	1,038	850	1,787	920	867
21:00	1,384	733	651	1,472						47	1,757	1,023	733	1,776	1,050	725	1,800	1,024	776	1,894	1,010	883
22:00	945	502	443	993	588	405	1,380	933	446	1,241	700	540	1,438	925	513	1,678	1,038	640	1,974	1,176	797	
23:00	566	321	245	622	380	241	665	438	227	866	589	277	757	484	273	1,143	674	468	1,282	777	504	
MADW	34,042	22,235	21,807	67,321	34,021	33,300	70,388	35,384	35,004	71,446	36,041	35,405	66,344	33,687	32,656	71,864	36,205	35,659	54,764	27,582	27,181	
N Days	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	

Traffic data from permanent count sites is used to generate adjustment factors for different traffic patterns. Factors are then applied to short count sites to generate summary statistics.

MADW = Monthly Average Day of Week Volume

NDAYS = Number of Days used to calculate the day of week averages

4.31 Monthly WIM Distribution Report (MW01)

This report provides a detailed monthly breakdown of vehicles by weight class, and provides the average volume (Num), average road damage equivalent (Flex, Rigid), and average Gross Vehicle Weight.

Tete Jaune September 2008 MW01 Report

BC Ministry of Transportation and Infrastructure

Monthly WIM Distribution for 09/2008

Site Names: WV-23-ZEVW
 County: Factor Type: Highly Seasonal
 Funct.: Rural Principal Arterial - Other
 Location: Route 16 Just East Of Tete Jaune Cache I/C

Vehicle weights for FHWA Vehicles
 Classes 1 – 3 are no longer recorded

SU # Axels = Single Unit # Axles
 MT # Axeks = Multi Unit # Axles

Neg 1 ←

Pos 2 →

Pos 1 →

'County' does not apply to BCMoT reports. Text field used to display factor type

'Funct.' does not apply to BCMoT reports.

	Motorcycle	Pass.Veh.	PU/SUV	Bus	2Axle6Tire	SU 3 Axle	SU 4+ Axle	ST 4- Axle	ST 5 Axle	ST 6+ Axle	MT 5- Axle	MT 6 Axle	MT 7+	UNCL
Roadway	Num	0	0	21	56	40	12	26	288	232	2	14	181	0
	Flex	0.00	0.00	0.70	0.27	0.43	0.49	0.39	0.75	1.16	0.69	0.68	1.83	0.00
	Rigid	0.00	0.00	0.99	0.27	0.57	0.62	0.43	1.19	2.19	0.77	0.94	3.43	0.00
	GVW	0.0	0.0	29.8	16.7	28.5	31.9	21.1	52.2	69.7	33.5	57.7	90.1	0.0
Neg DIR	Num	0	0	14	29	20	6	13	138	116	1	7	90	0
	Flex	0.00	0.00	0.64	0.27	0.46	0.52	0.38	0.69	1.07	1.65	0.73	1.48	0.00
	Rigid	0.00	0.00	0.90	0.28	0.61	0.71	0.53	1.09	1.98	1.82	1.06	2.73	0.00
	GVW	0.0	0.0	26.2	16.4	29.1	32.2	20.4	50.5	66.6	53.1	58.7	82.2	0.0
Pos DIR	Num	0	0	7	26	19	6	13	150	116	1	7	91	0
	Flex	0.00	0.00	0.77	0.26	0.39	0.45	0.43	0.80	1.24	1.30	0.74	2.18	0.00
	Rigid	0.00	0.00	1.10	0.26	0.53	0.56	0.45	1.29	2.38	1.56	1.00	4.15	0.00
	GVW	0.0	0.0	35.0	17.0	27.8	30.2	21.8	53.6	72.6	63.4	61.4	98.0	0.0
Neg 1	Num	0	0	14	29	20	6	13	138	116	1	7	90	0
	Flex	0.00	0.00	0.64	0.27	0.46	0.52	0.38	0.69	1.07	1.65	0.73	1.48	0.00
	Rigid	0.00	0.00	0.90	0.28	0.61	0.71	0.53	1.09	1.98	1.82	1.06	2.73	0.00
	GVW	0.0	0.0	26.2	16.4	29.1	32.2	20.4	50.5	66.6	53.1	58.7	82.2	0.0
Pos 2	Num	0	0	7	21	15	5	8	124	101	1	4	64	0
	Flex	0.00	0.00	0.72	0.27	0.42	0.43	0.34	0.83	1.23	1.33	0.93	2.21	0.00
	Rigid	0.00	0.00	1.03	0.26	0.57	0.56	0.36	1.35	2.37	1.63	1.28	4.22	0.00
	GVW	0.0	0.0	34.8	16.9	28.5	30.8	20.3	54.9	73.0	64.2	66.6	100.0	0.0
Pos 1	Num	0	0	1	5	4	1	5	26	15	0	3	27	0
	Flex	0.00	0.00	2.43	0.24	0.29	1.29	0.57	0.62	1.28	0.00	0.44	2.13	0.00
	Rigid	0.00	0.00	3.60	0.27	0.39	1.61	0.59	0.98	2.46	0.00	0.55	4.03	0.00
	GVW	0.0	0.0	75.2	16.4	25.5	47.3	24.3	46.9	69.4	0.0	54.5	93.5	0.0

Num = 1 vehicle / day
 Flex = 1.65*18,000 pounds equivalent damage per axle.
 Rigid = 1.82*18,000 pounds equivalent damage per axle.
 GVW = Gross Vehicle Weight

Num: Monthly Average Volume
 Flex: asphalt surface
 Rigid: concrete surface
 GVW: Gross Vehicle Weight (kips)
 Flex/Rigid value refers to the equivalent road damage per 18,000 pound axle. (i.e.: 0.1 = 0.1*18,000 pounds per axle worth of damage.)

ESAL Variables (see section 4.2 for WIM terminology)

Flex ESALs are calculated using Servicability=2.5, SN=5. Rigid ESALs use Servicability=2.5, Depth=9

4.32 Daily Count Class Distribution Report (DCo1)

This report provides daily volumes by weight class.

Pacific Crossing (WIM) October 10th, 2008 DCo1 Report

'County' does not apply to BCMoT reports. Text field used to display posted speed instead.

'Funct.' does not apply to BCMoT reports.

Traffic data from permanent count sites is used to generate adjustment factors for different traffic patterns. Factors are then applied to short count sites to generate summary statistics. BCMoT does not use axle or growth factors.

See "Factor Groups" in Glossary

Seasonal Factor Group: Consistent
 Daily Factor Group: Consistent
 Axle Factor Group: Consistent
 Growth Factor Group: Consistent

British Columbia Ministry of Transportation

Count Class Distribution for 10/10/2008 through 10/10/2008 (24 hours)

Site Names: W-65-INT

County: Posted Speed = 70 kph

Funct.: Urban Principal Arterial - Other P

Location: Route 15 0.5 Km South Of 8 Avenue

	Roadway	Neg DIR	Pos DIR	Neg 1	Neg 2	Neg 3	Pos 2	Pos 1
1	Motorcycle	14	8	3	2	3	4	2
2	Pass.Veh.	10,182	4,825	291	1,665	2,869	3,679	1,678
3	PU/SUV	1,975	1,031	944	374	312	345	352
4	Bus	42	18	24	0	18	0	14
5	2Axle6Tire	175	85	90	29	35	21	45
6	SU 3 Axle	133	58	75	25	27	6	22
7	SU 4+ Axle	5	3	2	1	1	1	1
8	ST 4- Axle	37	20	17	5	9	6	7
9	ST 5 Axle	677	172	505	60	109	3	294
10	MT 5+ Axle	360	136	224	63	72	1	146
11	MT 5- Axle	26	12	14	2	8	2	10
12	MT 6 Axle	65	49	16	41	8	0	6
13	MT 7+ Axle	141	54	87	32	22	0	48
14	UNCL	1,380	838	542	145	573	120	380
15	Trucks	1,661	607	1,054	258	309	40	596
16	Combo Trucks	1,306	443	863	203	228	12	514
17	Classified	13,832	6,271	7,361	926	2,288	3,257	4,871
18	% Unclass	0.09	0.11	0.07	0.14	0.20	0.04	0.13
19	Total	15,212	7,309	7,903	1,071	2,861	3,377	5,033

Neg 1: Southbound slow lane
 Neg 2: Southbound middle lane
 Neg 3: Southbound fast lane
 Pos 2: Northbound fast lane
 Pos 1: Northbound slow lane

Total daily volume of single trailers with 5 axles in Pos 1: 211

Total daily volume of Multi 7+ Axle Trailers in the Positive Direction: 380

Weight Classes
 SU # Axels = Single Unit # Axles
 MT # Axels = Multi Unit # Axles

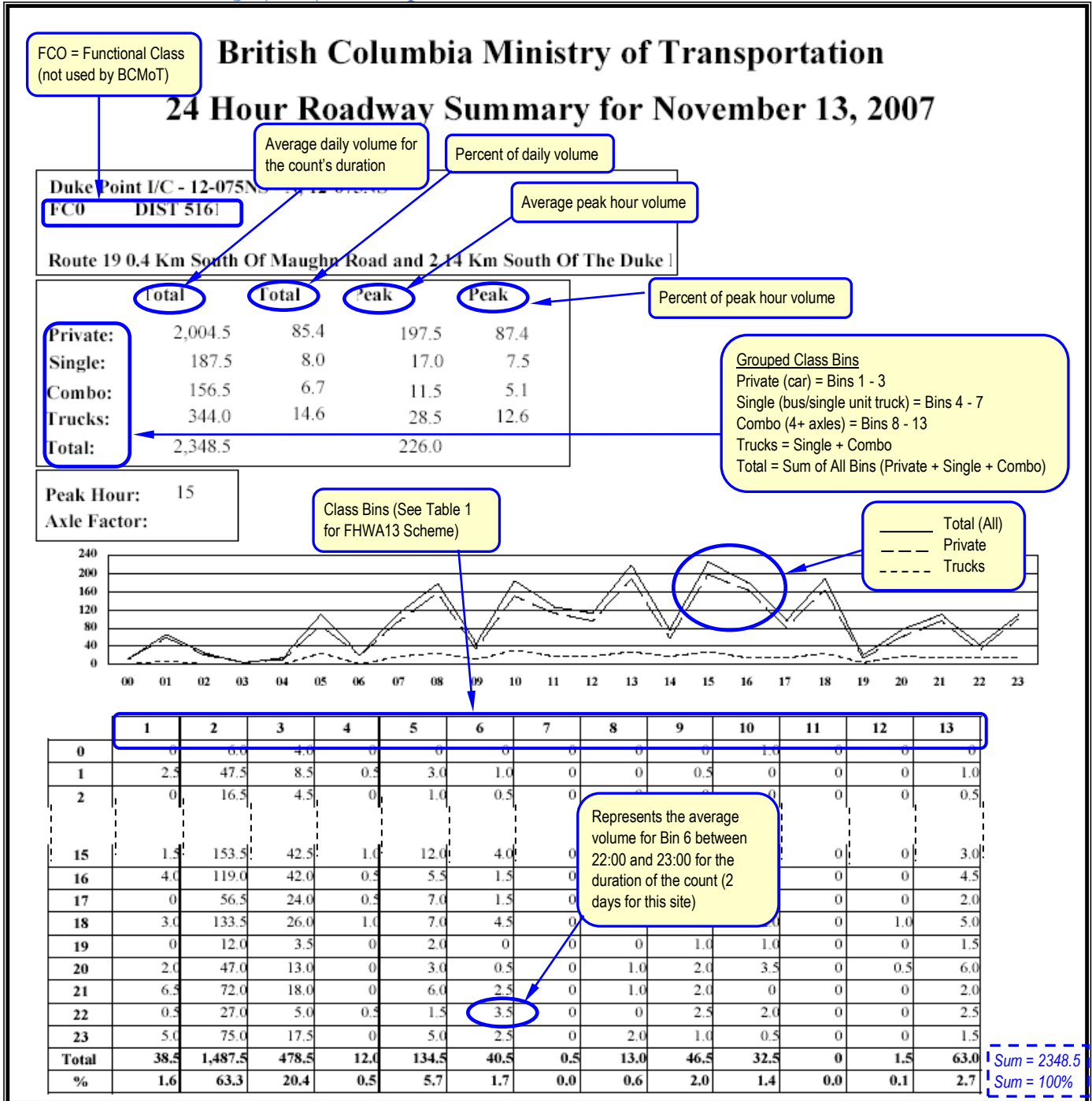
Trucks = sum of bins 4 – 13
 Combo Trucks = sum of bins 8 – 13
 Classified = number of vehicles that were classified
 % Unclass = UNCL/ Total
 Total = total number of vehicles counted

Site Layout

4.33 Daily 24-Hour Roadway Summary Report (DC11)

This report provides a volume/class breakdown for short count sites where class data is available (collected with hoses). The report displays the 24-hour averages over the duration of the count (i.e. if the count was 3 days, each bin hour is the average of 3 hourly volumes). The data displayed is not factored. Furthermore, the data is reported by combining similar bin types into three categories, Private, Single, and Combo.

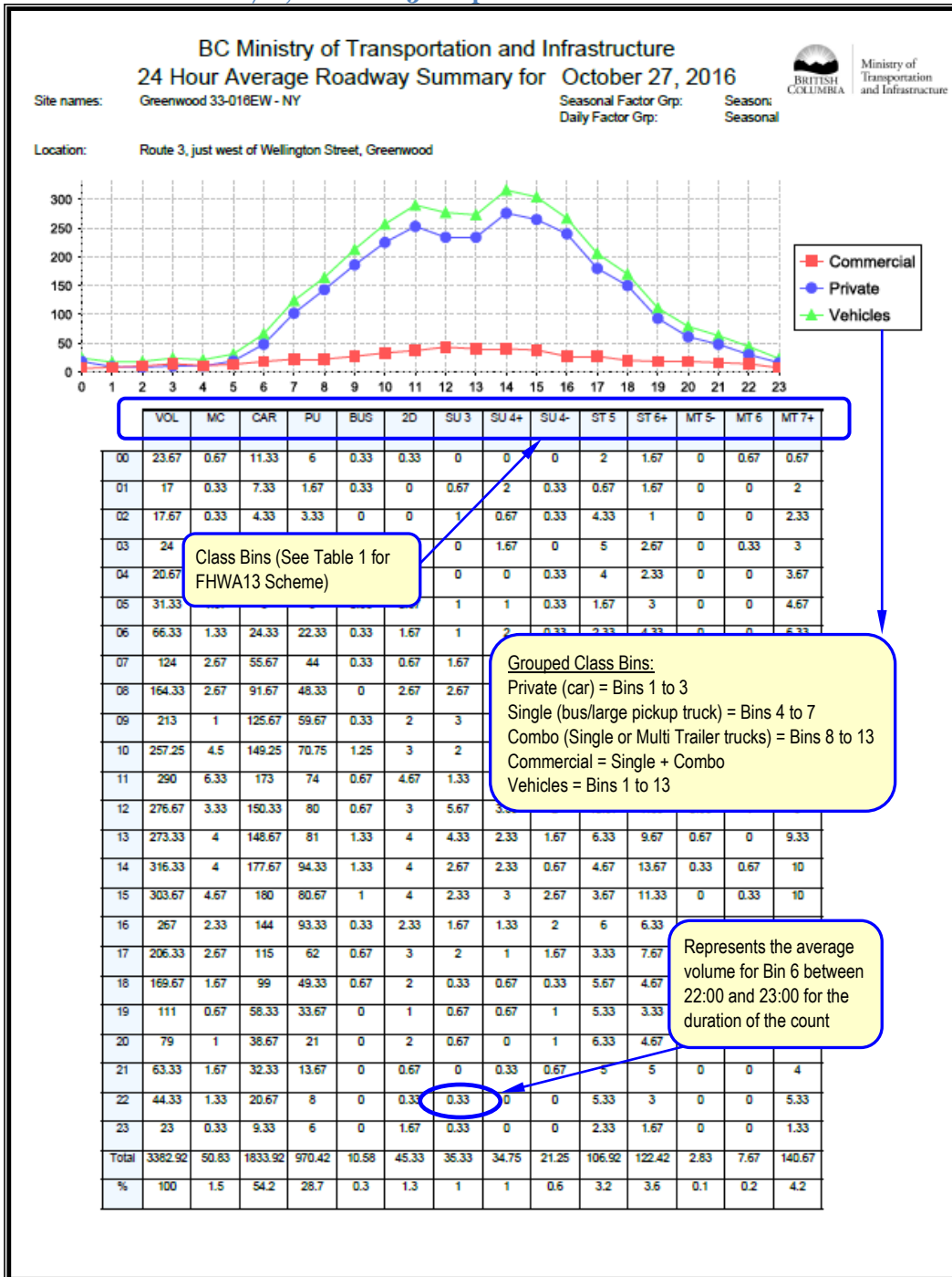
Duke Point November 13th, 2007 DC11 Report



4.34 Daily 24-Hour Roadway Summary Report (DC05B)

This report provides a volume/class breakdown for short count sites where class data is available (collected with hoses). The report displays the 24-hour averages over the duration of the count (i.e. if the count was 3 days, each bin hour is the average of 3 hourly volumes). The data displayed is not factored. Further, the data is displayed by combining similar bin types into three categories, Private, Commercial, and All Vehicles.

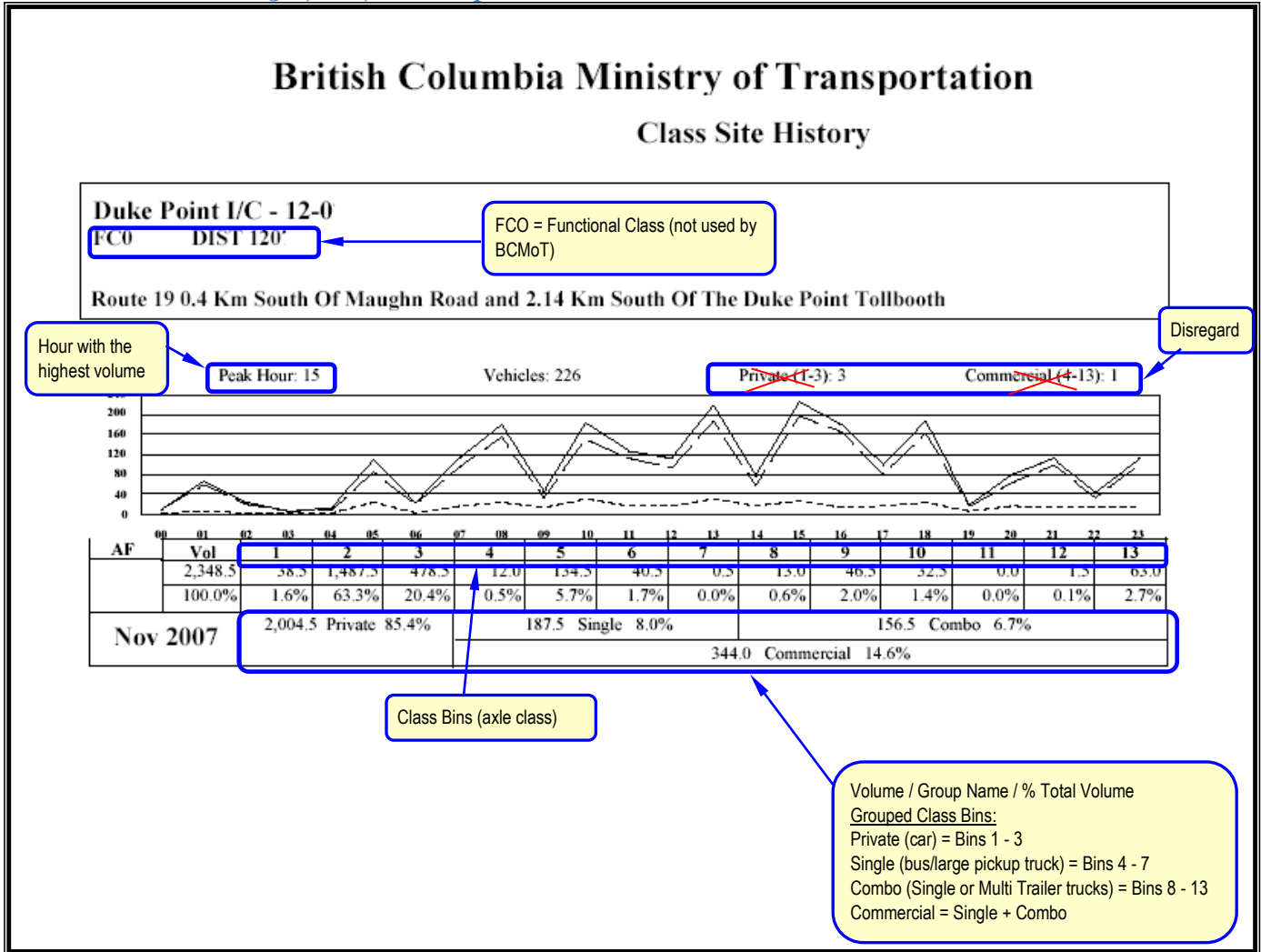
Greenwood October 27th, 2016 DC05B Report



4.35 Daily Class Site History Report (DC12)

This report provides a volume/class breakdown for short count sites where class data is available (collected with hoses). The report states the data is for 24 hours, however the data is the hours averaged over the duration of the count (i.e. if the count was 3 days, each bin hour is the average of 3 hourly volumes). Furthermore, the data is reported by combining similar bin types into three categories, Private, Single, and Combo.

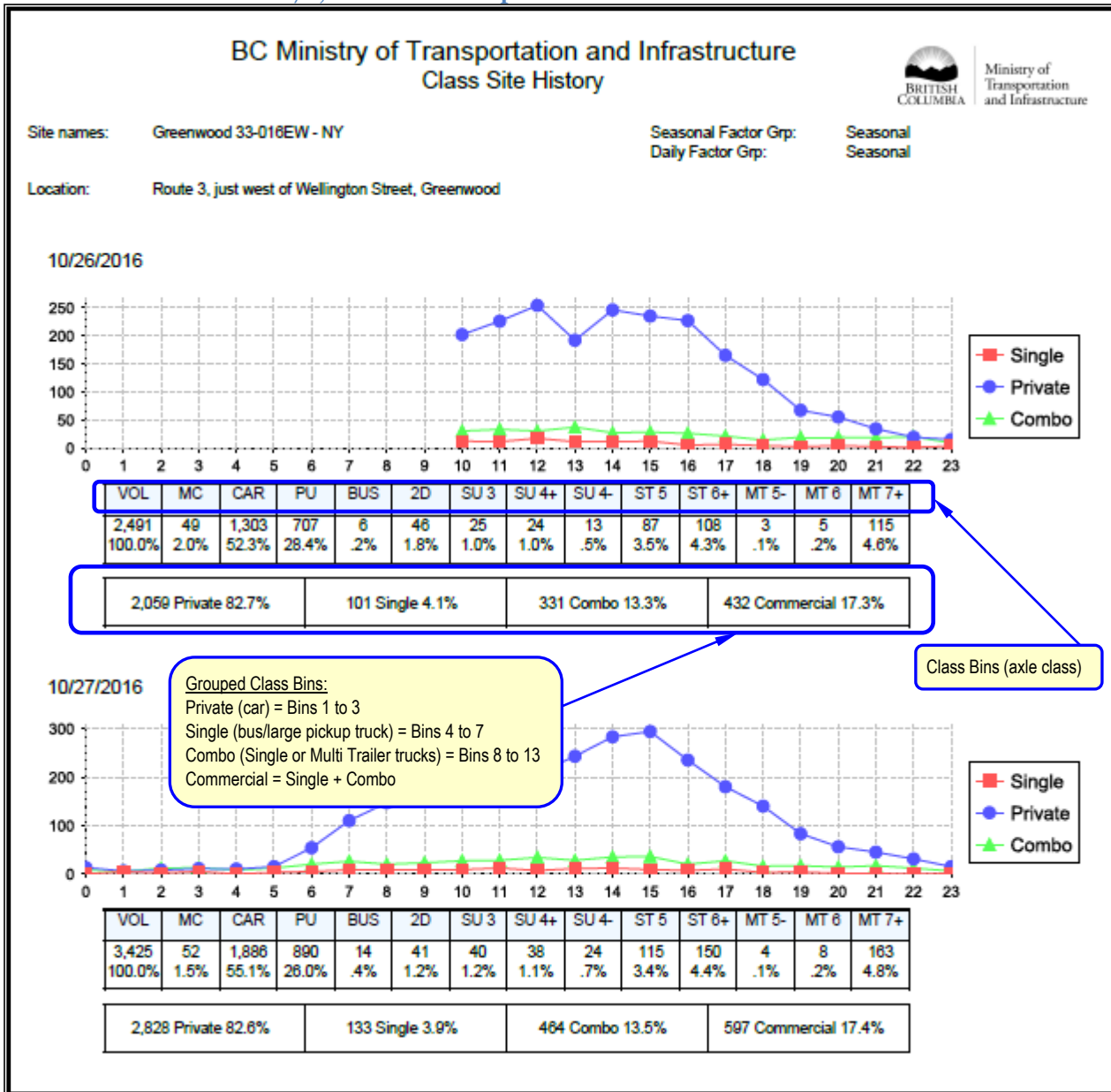
Duke Point November 13th, 2007 DC12 Report



4.36 Daily Class Site History Report (DCo6B)

This report provides a volume/class breakdown for short count sites where class data is available (collected with hoses). The report displays the 24-hour averages, per class bin, per day of the count. The data displayed is not factored. Furthermore, the data is reported by combining similar bin types into four categories, Private, Single, Combo, and Commercial.

Greenwood October 26th-27th, 2016 DCo6B Report



4.37 Daily Length Distribution Report (DL01)

This report provides a breakdown of the daily average vehicle length for each lane, direction, and the overall roadway.

Prophet River October 28th, 2008 DL01 Report

'County' does not apply to BCMoT reports. Text field used to display posted speed instead.

See "Factor Groups" in Glossary

Ministry of Transportation and Infrastructure

Daily Length Distribution for 10/28/2008 through 10/28/2008

Site Names: Prophet River - P-44-3NS - N, P-44-3NS
 Posted Speed = 100 kph
 Country: Country
 Funct.: Funct.
 Location: Route 97, 1.1 Km North of the Adsette Cr. Km North of Pr

Southbound lane

Northbound lane

Roadway	Neg DIR	Pos DIR	Neg 1	Pos 1
0-6	415	192	192	223
6-12.50	86	49	49	37
12.50-22.50	165	68	68	97
22.50-35	42	16	16	26
35-999	0	0	0	0
Total	708	325	325	383

Length Bins (metres)

Total daily negative direction (southbound) traffic volume

Total average daily traffic volume

Seasonal Factor Group: Seasonal

Daily Factor Group: Daily

Axle Factor Group: Axle

Growth Factor Group: Growth

Traffic data from permanent count sites is used to generate adjustment factors for different traffic patterns. Factors are then applied to short count sites to generate summary statistics. BCMoT does not use axle or growth factors.

Site Layout

↓

Neg 1

↑

Pos 1

4.38 Daily Speed Distribution Report (DSO1)

This report displays traffic volume within speed bins based for a single day.

Armstrong October 28th, 2008 DSO1 Report

'County' does not apply to BCMoT reports. Text field used to display posted speed instead.

'Funct.' does not apply to BCMoT reports.

See "Factor Groups" in Glossary

British Columbia Ministry of Transportation
Daily Speed Distribution for 10/28/2008 through 10/28/2008

Site Names: Armstrong - P-24-INS - N, P-24-INS
 County: Posted Speed = 90 kph
 Funct.:
 Location: Route 97a 4.0 Km North Of The North Access To Armstrong

Speed Bins (km/h)

Southbound Lane

Northbound Lane

Speed Bins (km/h)	Roadway	Neg DIR	Pos DIR	Neg 1	Pos 1
0-35	0	0	0	0	0
35.10-50	0	0	0	0	0
50.10-60	1	1	0	1	0
60.10-70	14	1	13	1	13
70.10-75	29	4	25	4	25
75.10-80	197	81	116	81	116
80.10-85	690	233	457	233	457
85.10-90	1,924	960	964	960	964
90.10-95	2,943	1,323	1,620	1,323	1,620
95.10-100	2,273	1,317	956	1,317	956
100.10-105	1,195	723	472	723	472
105.10-110	339	234	105	234	105
110.10-120	246	123	123	123	123
120.10-999.90	80	32	48	32	48
Average	97.6	97.8	97.5	97.8	97.5
Median	93.6	94.7	92.7	94.7	92.7
85th %tile	101.6	102.5	100.1	102.5	100.1
% over 55	100.0	100.0	100.0	100.0	100.0
% over 60	100.0	100.0	100.0	100.0	100.0
% over 65	99.8	100.0	99.7	100.0	99.7
% over 70	99.8	100.0	99.7	100.0	99.7
% over 75	99.6	99.9	99.2	99.9	99.2
% over 85	90.6	93.6	87.5	93.6	87.5
Total	9,931	5,032	4,899	5,032	4,899

Seasonal Factor Group:
 Daily Factor Group:
 Axle Factor Group:
 Growth Factor Group:

Traffic data from permanent count sites is used to generate adjustment factors for different traffic patterns. Factors are then applied to short count sites to generate summary statistics. BCMoT does not use axle or growth factors.

Daily volume for vehicles moving between 100.1 and 105 km/h in Pos 1

Total Pos 1 (northbound) volume

Percentage of volume above the listed speed

Total positive direction (northbound) volume

Site Layout

↓
Neg
1

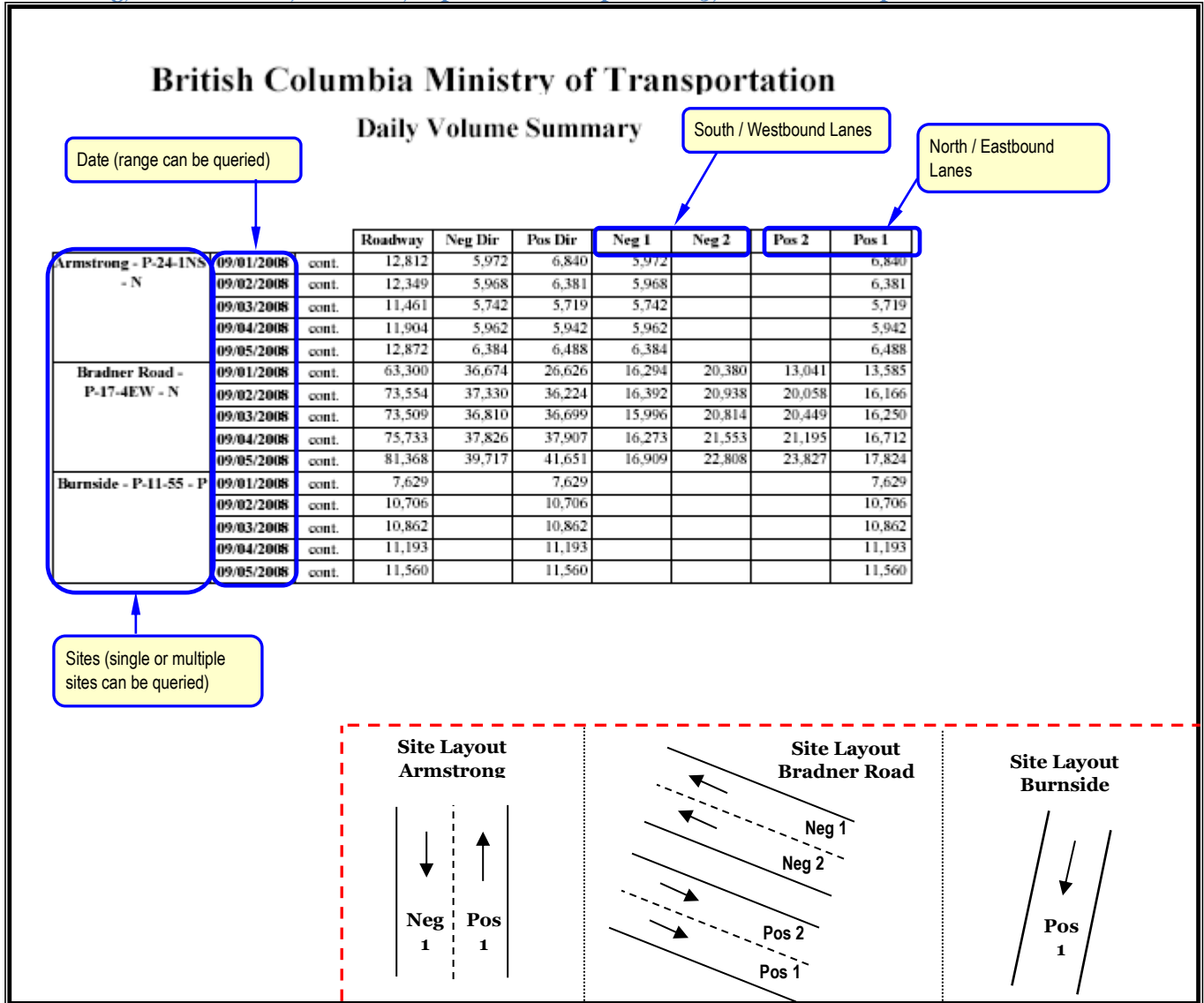
|-----|

↑
Pos
1

4.39 Daily Volume Summary Report (DV01)

This report provides a summary of the total daily volumes and the daily volumes for each lane from data collected over a one-day period.

Armstrong, Bradner Road, Burnside, September 1 – September 5, 2008 DV01 Report



4.40 Daily Volume Summary Report (DVo1RE)

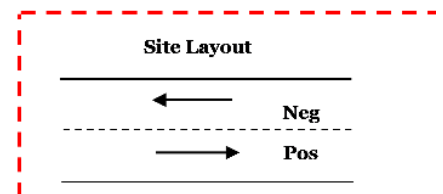
This report provides a summary of the daily volumes for roadway, both directions (Pos Dir, Neg Dir), and each lane.

152 Street January 1 - 31, 2015 DVo1RE Report

BC Ministry of Transportation and Infrastructure
Daily Volume Summary

		Road	PDir	NDir	PLane1	PLane2	PLane3	PLane4	NLane3	NLane2	NLane1	
152 Street P-16-22EW - NY	01/01/2015	Continuous	41,154	21,452	19,702	1	7,613	8,224	5,614	4,904	6,988	7,810
	01/02/2015	Continuous	56,288	28,385	27,903	3	10,005	12,174	6,203	6,114	11,412	10,377
	01/03/2015	Continuous	50,834	25,106	25,728	1	8,641	10,320	6,144	6,466	9,881	9,381
	01/04/2015	Continuous	36,477	18,445	18,032	1	6,987	7,513	3,944	3,731	6,951	7,350
	01/05/2015	Continuous	61,789	31,031	30,758	3	11,458	14,516	5,054	4,945	14,028	11,785
	01/06/2015	Continuous	67,942	34,007	33,935	3	11,930	16,445	5,629	5,570	15,339	12,826
	01/07/2015	Continuous	66,749	34,465	34,005	3	11,930	16,445	5,629	5,570	15,339	12,826
	01/08/2015	Continuous	72,078	36,178	36,178	3	11,930	16,445	5,629	5,570	15,339	12,826
	01/09/2015	Continuous	73,811	37,313	36,498	7	12,723	17,610	6,973	6,006	16,828	13,067
	01/10/2015	Continuous	55,085	27,469	27,616	1	9,341	11,331	6,796	6,570	10,921	10,125
	01/11/2015	Continuous	45,166	22,917	22,249	1	8,130	9,254	5,532	5,064	8,743	8,442
	01/12/2015	Continuous	67,778	34,160	33,618	1	11,925	16,755	5,479	5,974	16,102	11,542
	01/13/2015	Continuous	70,815	35,805	35,010	7	12,679	17,261	5,858	6,282	16,295	12,433
	01/14/2015	Continuous	70,906	34,843	36,063	1	12,120	16,824	5,898	5,984	16,777	13,302
	01/15/2015	Continuous	72,216	36,405	35,811	2	12,650	17,501	6,252	5,837	16,961	13,013
	01/16/2015	Continuous	74,657	37,662	36,995	5	12,659	17,960	7,038	7,564	17,449	11,982
	01/17/2015	Continuous	56,016	27,951	28,065	4	9,546	11,643	6,758	6,457	11,701	9,907
	01/18/2015	Continuous	44,440	22,327	22,113	2	8,073	9,051	5,201	4,819	8,511	8,783
	01/19/2015	Continuous	70,184	35,711	34,473	3	12,611	17,230	5,867	5,978	16,876	11,619
	01/20/2015	Continuous	71,055	35,764	35,291	2	12,801	17,381	5,580	6,592	16,963	11,736
	01/21/2015	Continuous	73,207	36,506	36,701	4	13,175	17,673	5,654	7,286	17,695	11,720
	01/22/2015	Continuous	70,963	36,637	34,326	4	12,781	17,720	6,132	5,926	15,083	13,317
	01/23/2015	Continuous	75,353	37,933	37,420	3	13,185	17,339	7,406	6,818	16,824	13,778
	01/24/2015	Continuous	55,534	27,684	27,850	0	9,441	11,321	6,922	6,521	10,984	10,345
	01/25/2015	Continuous	50,086	25,252	24,834	2	8,629	10,097	6,524	5,772	9,527	9,535
	01/26/2015	Continuous	69,536	35,182	34,354	2	12,321	17,014	5,845	5,513	15,872	12,969
	01/27/2015	Continuous	71,740	35,960	35,780	6	12,627	17,355	5,972	5,842	16,708	13,230
	01/28/2015	Continuous	74,925	38,351	36,574	6	13,389	18,492	6,464	5,651	17,400	13,523
	01/29/2015	Continuous	75,309	37,765	37,544	11	12,874	18,406	6,474	7,593	17,008	12,943
	01/30/2015	Continuous	79,214	39,735	39,479	5	12,978	18,954	7,798	10,241	16,932	12,306
	01/31/2015	Continuous	56,351	29,703	26,648	1	10,110	12,176	7,416	7,143	10,080	9,425

Annotations:
 - **Date Range:** Points to the date column (01/01/2015 to 01/31/2015).
 - **Eastbound Lanes:** Points to PLane1 and PLane2.
 - **Westbound Lanes:** Points to NLane3 and NLane2.



4.41 Daily Volume Report (DVo3)

This report provides hourly volumes for short count traffic data. Statistics are generated and displayed below the volumes including the AADT which is generated utilizing the factor groups.

Goldstream Avenue South, October 26 – October 30th, 2008 DVo3 Report

British Columbia Ministry of Transportation

Daily Volume from 10/26/2008 through 10/30/2008

Site Names: 11-047S

County: Posted Speed = 80 kph

Funct.:

Location: Route 1 Sb 0.2 Km South Of Route 1A (Goldstream Avenue) In Langford

Seasonal Factor Type: Consistent

Daily Factor Type: Consistent

Axle Factor Type: Consistent

Growth Factor Type: Consistent

See "Factor Groups" in Glossary

Displays Hourly Data in Weekly Table. Only 5 days of data was counted

	10/26/2008			10/27/2008			10/28/2008			10/29/2008			10/30/2008			10/31/2008			11/01/2008		
	Road	Neg	Pos	Road	Neg	Pos	Road	Neg	Pos	Road	Neg	Pos	Road	Neg	Pos	Road	Neg	Pos	Road	Neg	Pos
00:00	104		104	52		52	31		31	41		41	38		38						
01:00	46		46	39		39	38		38	31		31	20		20						
02:00																					
03:00																					
04:00																					
05:00																					
06:00																					
07:00																					
08:00																					
09:00																					
10:00																					
11:00																					
12:00																					
13:00																					
14:00	1,075		1,075	723		723	699		699	680		680	692		692						
15:00	1,192		1,192	764		764	706		706	718		718	684		684						
16:00	1,261		1,261	797		797	747		747	783		783	723		723						
17:00	998		998	682		682	711		711	710		710	699		699						
18:00	805		805	520		520	542		542	554		554	495		495						
19:00	649		649	270		270	322		322	316		316	345		345						
20:00	522		522	205		205	243		243	247		247	235		235						
21:00	329		329	166		166	177		177	198		198	185		185						
22:00	219		219	114		114	132		132	140		140	134		134						
23:00	71		71	72		72	80		80	74		74	75		75						
Volume	11,998		11,998	11,752		11,752	11,884		11,884	11,790		11,790	11,790		11,635						
AM Peak Vol	811		811	1,446		1,446	1,501		1,501	1,446		1,446	1,446		1,446						
AM Peak Fct	0.89		0.89	0.92		0.92	0.89		0.89	0.94		0.94	0.94		0.94						
AM Peak Hr	11:00		11:00	6:45		6:45	6:30		6:30	6:45		6:45	6:30		6:30						
PM Peak Vol	1,261		1,261	832		832	766		766	791		791	74		74						
PM Peak Fct	0.94		0.94	0.94		0.94	0.92		0.92	0.95		0.95	0.95		0.95						
PM Peak Hr	16:00		16:00	15:45		15:45	15:45		15:45	16:15		16:15	15:30		15:30						
Seasonal Fct	1.003		1.003	1.003		1.003	1.003		1.003	1.003		1.003	1.003		1.003						
Daily Fct	1.238		1.238	1.026		1.026	0.972		0.972	0.969		0.969	0.944		0.944						
Axle Fct	0.500		0.500	0.500		0.500	0.500		0.500	0.500		0.500	0.500		0.500						
Pulse Fct	2.000		2.000	2.000		2.000	2.000		2.000	2.000		2.000	2.000		2.000						

AADT = Annual Average Daily Traffic

ROAD AADT 12,211

NEG AADT 0

POS AADT 12,211

DV03: Page 1 of 1

No negative direction traffic for this site

Site Layout

4.42 Daily Short Count Volume Report (DVo3S)

Report provides the total hourly and daily volumes for each traffic direction and the entire roadway. The AADT value displayed at the bottom is determined by factoring the average AADT from the count period.

Paul Lake Road, June 16th – June 19th, 2007 DV03S Report

British Columbia Ministry of Transportation
Daily Volume from 07/16/2007 through 07/19/2007

Site Names: Paul Lake Road - 21-002NS - N, 21-002NS
 County: []
 Funct.: []
 Location: Route 5 0.4 Km North Of Paul Lake Road In Kamloops

Posted Speed = 80 kmh

Seasonal Factor Type: Consistent
 Daily Factor Type: Consistent
 Axle Factor Type: Consistent
 Growth Factor Type: Consistent

See "Factor Groups" in Glossary

Displays Hourly Data in a Weekly Table. Only 2.5 days of data is available from this Short Count Site

	07/15/2007			07/16/2007			07/17/2007			07/18/2007			07/19/2007			07/20/2007			07/21/2007		
	Road	Neg	Pos	Road	Neg	Pos	Road	Neg	Pos	Road	Neg	Pos	Road	Neg	Pos	Road	Neg	Pos	Road	Neg	Pos
00:00							108	45	85	124	54	70	100	36	64						
01:00							88	36	52	73	33	40									
14:00							894	450	444	796	400	396									
15:00							921	437	484	874	435	439									
16:00							975	406	569	954	415	539									
17:00							994	398	596	951	369	582									
18:00							684	349	335	657	295	362									
19:00							528	235	293	471	203	268									
20:00							408	170	238	377	149	228									
21:00				335	143	192	350	162	188	348	149	199									
22:00				262	132	130	273	121	152	241	106	133									
23:00				155	76	79	181	78	103	130	69	67									
Volume				752	351	401	12,804	6,380	6,424	12,597	6,331	6,266	100	36	64						
AM Peak Vol							820	493	392	826	516	411									
AM Peak Fct							0.93	0.86	0.85	0.95	0.88	0.96									
AM Peak Hr							11:00	7:30	11:00	10:00	7:30	10:00									
PM Peak Vol							1,024	460	624	1,032	463	634									
PM Peak Fct							0.94	0.82	0.91	0.92	0.90	0.87									
PM Peak Hr							16:45	15:15	16:45	16:30	14:45	16:45									
Seasonal Fct				0.929	0.929	0.929	0.929	0.929	0.929	0.929	0.929	0.929	0.929	0.929	0.929						
Daily Fct				1.024	1.024	1.024	0.972	0.972	0.972	0.965	0.965	0.965	0.941	0.941	0.941						
Axle Fct				0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500						
Pulse Fct				2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000						

ROAD AADT 1,437 NEG AADT 5,727 POS AADT 5,710

Site Layout

AADT = Annual Average Daily Traffic

*Peak Hour Factor = (Peak Hr Volume) / (4 x peak 15-minute volume within the hour)

Traffic data from permanent count sites is used to generate adjustment factors for different traffic patterns. Factors are then applied to short count sites to generate summary statistics. BC MoT does not use axle or growth factors.

AM / PM Peak Volume = Sum of the greatest four consecutive intervals.
 AM / PM Peak Factor = See Detailed Calculation this page*
 AM / PM Peak Hour = When the first interval of the four greatest intervals occurred.

4.43 Daily Short Count Volume Report (DV06S)

Report provides the total hourly and daily volumes for each traffic direction and the entire roadway. The AADT value displayed at the bottom is determined by factoring the average AADT from the count period.

Baler Ridge, August 17th to 19th, 2015 DV06S Report

BC Ministry of Transportation and Infrastructure																							
Daily Volume from 08/17/2015 through 08/19/2015																							
Site names: Baker Ridge 33-004EW - NY		Seasonal Factor Grp: Seasonal		Daily Factor Grp: Seasonal		See "Factor Groups" in Glossary																	
Location: Route 3, 18.0 km east of Wood Street, west of Grand Forks																							
	Sun, Aug 16, 2015			Mon, Aug 17, 2015			Tue, Aug 18, 2015			Wed, Aug 19, 2015			Thu, Aug 20, 2015			Fri, Aug 21, 2015			Sat, Aug 22, 2015				
	Road	E	W	Road	E	W	Road	E	W	Road	E	W	Road	E	W	Road	E	W	Road	E	W		
00:00							15	3	12	20	13	7											
01:00							15	4	11	13	5	8											
02:00							14	6	8	10	4	6											
03:00							21	8	13	17	6	11											
04:00							24	9	15	25	15	10											
05:00							38	22	16	40	19	21											
06:00							65	37	28	69	39	30											
07:00							97	57	40	110	61	48											
08:00							144	76	68	147	88	56											
09:00							188	94	94	193	128	87											
10:00							219	129	90	240	128	112											
11:00							252	166	83	237	137	100											
12:00							308	181	127	280	165	115											
13:00							261	145	116	264	133	131											
14:00				268	121	147	222	108	114	261	128	133											
15:00				258	101	157	227	98	128	220	116	104											
16:00				228	96	129	199	97	102	198	95	103											
17:00				198	72	128	175	79	98	174	79	95											
18:00				145	63	82	131	50	81	132	61	71											
19:00				125	53	72	99	44	55	110	49	64											
20:00				96	32	64	51	18	33	94	36	58											
21:00				56	28	28	56	17	39	60	31	29											
22:00				45	10	35	24	4	19	40	20	20											
23:00				25	9	16	27	10	17	24	10	14											
Total				1,444	588	856	2,871	1,486	1,405	2,978	1,561	1,417											
AM Peak Vol				0	0	0	252	166	97	251	147	112											
AM Peak Fct				0	0	0	.851	.918	.898	.804	.817	.848											
AM Peak Hr				0:00	0:00	0:00	11:00	11:00	9:15	10:15	10:30	10:00											
PM Peak Vol				0	0	0	308	181	134	286	169	148											
PM Peak Fct				0	0	0	.854	.923	.905	.883	.768	.74											
PM Peak Hr				0:00	0:00	0:00	12:00	12:00	12:15	13:45	12:15	13:45											
Daily Fct				.995	.995	.995	1.021	1.021	1.021	1.034	1.034	1.034											
Axle Fct				.500	.500	.500	.500	.500	.500	.500	.500	.500											
Pulse Fct				2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000											
Seasonal Fct				.723	.723	.723	.723	.723	.723	.723	.723	.723											
Created 12/07/2018 1:46 PM				ROAD AADT 2,207				NEG AADT 1,083				POS AADT 1,123				DV06S: Page 1 of 1							

Displays Hourly Data in a Weekly Table. Only 2.5 days of data is available from this Short Count Site

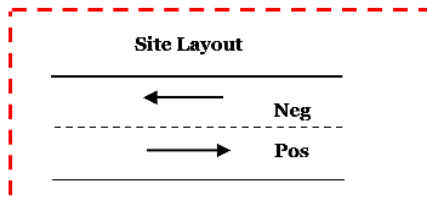
Traffic data from permanent count sites is used to generate adjustment factors for different traffic patterns. Factors are then applied to short count sites to generate summary statistics.

AM / PM Peak Volume = Sum of the greatest four consecutive intervals.
 AM / PM Peak Factor = See Detailed Calculation this page*
 AM / PM Peak Hour = When the first interval of the four greatest intervals occurred.

*Peak Hour Factor = (Peak Hr Volume) / (4 x peak 15-minute volume within the hour)

BCMoT does not use Axle or Pulse Factors

AADT = Annual Average Daily Traffic



4.44 Daily WIM Distribution (DWo1)

This report provides volume, and ESAL (Equivalent Standard Axle Load) values which indicate road damage. Average Gross Vehicle Weight is also displayed.

Huntington, November 11th, 2008 DWo1 Report

BC Ministry of Transportation and Infrastructure

Daily WIM Distribution for 11/11/2008 to 11/11/2008

Site Names: W-17-7NS
 County:
 Funct.:
 Location: Route 11 0.8 Km South Of Vye Road in Abbotsford

Posted Speed = 50 kph
 Urban Principal Arterial - Other Freeways

Vehicle weights for FHWA Vehicles
 Classes 1 – 3 are no longer recorded

SU # Axles = Single Unit # Axles
 ST # Axles = Single Trailer # Axles
 MT # Axles = Multi Trailer # Axles

		Motorcycle	Pass.Veh.	PU/SUV	Bus	2Axle6Tire	SU 3 Axle	SU 4+ Axle	ST 4- Axle	ST 5 Axle	ST 6+ Axle	MT 5- Axle	MT 6 Axle	MT 7+	UNCL
Roadway	Num	0	0	0	13	16	30	2	12	137	104	0	3	99	0
	Flex	0.00	0.00	0.00	0.53	0.17	0.95	0.38	0.18	0.95	0.94	0.00	0.43	1.27	0.00
	Rigid	0.00	0.00	0.00	0.75	0.16	1.32	0.64	0.23	1.52	1.76	0.00	0.57	2.29	0.00
	GVW	0.0	0.0	0.0	27.7	16.9	28.9	37.5	23.0	55.4	61.5	0.0	42.5	74.8	0.0
Neg DIR	Num	0	0	0	5	9	16	1	8	95	54	0	2	52	0
	Flex	0.00	0.00	0.00	0.72	0.20	1.12	0.09	0.24	0.85	0.98	0.00	0.06	1.48	0.00
	Rigid	0.00	0.00	0.00	1.02	0.19	1.74	0.08	0.31	1.36	1.84	0.00	0.06	2.77	0.00
	GVW	0.0	0.0	0.0	37.5	17.5	30.0	22.5	25.1	53.6	62.1	0.0	27.0	77.8	0.0
Pos DIR	Num	0	0	0	8	7	14	1	4	42	50	0	1	47	0
	Flex	0.00	0.00	0.00	0.42	0.13	0.76	0.68	0.04	1.18	0.90	0.00	1.17	1.04	0.00
	Rigid	0.00	0.00	0.00	0.58	0.12	0.82	1.19	0.06	1.86	1.68	0.00	1.60	1.77	0.00
	GVW	0.0	0.0	0.0	21.6	16.1	27.6	52.5	18.8	59.6	60.8	0.0	73.5	71.5	0.0
Neg 1	Num	0	0	0	5	9	16	1	8	95	54	0	2	52	0
	Flex	0.00	0.00	0.00	0.72	0.20	1.12	0.09	0.24	0.85	0.98	0.00	0.06	1.48	0.00
	Rigid	0.00	0.00	0.00	1.02	0.19	1.74	0.08	0.31	1.36	1.84	0.00	0.06	2.77	0.00
	GVW	0.0	0.0	0.0	37.5	17.5	30.0	22.5	25.1	53.6	62.1	0.0	27.0	77.8	0.0
Pos 1	Num	0	0	0	8	7	14	1	4	42	50	0	1	47	0
	Flex	0.00	0.00	0.00	0.42	0.13	0.76	0.68	0.04	1.18	0.90	0.00	1.17	1.04	0.00
	Rigid	0.00	0.00	0.00	0.58	0.12	0.82	1.19	0.06	1.86	1.68	0.00	1.60	1.77	0.00
	GVW	0.0	0.0	0.0	21.6	16.1	27.6	52.5	18.8	59.6	60.8	0.0	73.5	71.5	0.0

Flex ESALs are calculated using Servicability=2.5, SN=5. Rigid ESALs use Servicability=2.5, Depth=9

See Section 4.2 for WIM Terminology

Site Layout

Num: Daily volume
 Flex: asphalt surface
 Rigid: concrete surface
 GVW: Gross Vehicle Weight (kips)
 Flex/Rigid value refers to the equivalent road damage per 18,000 pound axle. (i.e.: 0.1 = 0.1*18,000 pounds per axle worth of damage.)

4.45 Daily WIM Vehicle Violations (DW10)

This report displays individual vehicle violations, along with vehicle class, gross vehicle weight (GVW), and axle weight distribution. This report is currently not published by the BCMoT.

Royal Oak WIM test, November 11th, 2008 DW10 Report

British Columbia Ministry of Transportation

Violations

Station: Royal Oak WIM Test in Posted Speed = 80 kph Roadway

Truck # / Date (YYYY/MM/DD) / Time		Axle Class
------------------------------------	--	------------

Trk No	24 @ 2007/11/28 03:23:05	Axles: 3	Class: 6
--------	--------------------------	----------	----------

0---00	21.219.8	GVW: 41.1	GVW = Gross Vehicle Weight (units = kips, where 1 kip = 1000 pounds)
--------	----------	-----------	--

Truck Axles Layout & Axle Weight Distribution	Trk No	31 @ 2007/11/28 04:13:33	Axles: 6	Class: 10
---	--------	--------------------------	----------	-----------

0--0-----0--0--00	9.9	44.8	42.8	GVW: 97.5
-------------------	-----	------	------	-----------

Trk No	32 @ 2007/11/28 04:22:18	Axles: 5	Class: 9
--------	--------------------------	----------	----------

0--0-----0--00	9.5	35.5	20.0	GVW: 65.0
----------------	-----	------	------	-----------

Trk No	34 @ 2007/11/28 04:31:31	Axles: 3	Class: 8
--------	--------------------------	----------	----------

0-----00	7.2	20.713.5	GVW: 41.4
----------	-----	----------	-----------

Trk No	38 @ 2007/11/28 04:37:09	Axles: 3	Class: 6
--------	--------------------------	----------	----------

0---00	22.3	18.7	GVW: 41.0
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4.46 Daily Violations by Vehicle Class by Hour of Day (DW11)

This report displays hourly vehicle violations by vehicle class, gross vehicle weight (GVW), and axle weight distribution. This report is currently not published by the BCMoT.

Osoyoos (WIM), November 28th, 2008 DW11 Report

British Columbia Ministry of Transportation																			
Violations by Vehicle Class by Hour of Day																			
Station: Osoyoos (WIM) 97										in Posted Speed = 80 kph									
Start Datetime: 11/28/2007 0:00										End Datetime: 11/29/2007 0:00									
Hour	Gross Weight Violations						Bridge and Axle						Total Vehicles						
	SU	8	9	10	Multi	Total	SU	8	9	10	Multi	Total	SU	8	9	10	Multi	Total	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	
5	0	0	0	0	2	2	0	0	0	0	0	0	0	0	1	1	3	5	
6	0	0	0	1	0	1	2	0	0	1	0	3	3	0	3	3	0	9	
7	0	0	0	2	0	2	0	0	0	0	0	0	2	0	5	5	2	14	
8	0	0	0	1	0	1	0	0	0	1	0	1	4	0	7	6	0	17	
9	0	0	0	2	0	2	0	0	0	0	0	0	7	2	4	8	0	21	
10	0	0	0	2	0	2	0	0	0	1	0	1	3	1	5	4	0	13	
11	0	0	0	2	2	4	0	0	0	1	0	1	2	1	10	2	2	17	
12	0	0	0	3	1	4	0	0	0	3	0	3	1	1	14	6	4	26	
13	0	0	2	3	0	5	0	0	3	1	0	4	3	1	8	10	1	23	
14	0	0	0	2	1	3	0	0	0	1	0	1	0	0	13	5	3	21	
15	0	0	0	0	2	2	0	0	0	0	1	1	2	2	8	2	2	16	
16	0	0	0	2	1	3	0	0	0	2	0	2	1	1	1	5	2	10	
17	0	0	0	1	1	2	0	0	0	0	0	0	1	0	4	3	1	9	
18	0	0	0	4	0	4	0	0	3	3	0	6	0	0	10	7	0	17	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	0	6	
20	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0	2	
21	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	5	
22	0	0	0	1	0	1	0	0	0	1	0	1	0	0	2	3	0	5	
23	0	0	0	0	0	0	0	1	0	0	0	1	0	1	3	1	0	5	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	0	0	2	27	10	39	2	1	6	15	1	25	30	10	110	80	21	251	

Overweight Vehicle Violations

Overweight Axle and Bridge Violation (see section 4.2 for WIM terminology)

Violation Parameters

Maximum Legal Limit: 85.0 kips
 Gross Violations allow 5.00% error for WIM and 1500.0 lbs. allowance
 Bridge Violations allow 5.00% error for WIM and 1500.0 lbs. allowance
 Legend: SU Single-Unit trucks (classes 5-7)
 Class 8: Tractor-Trailer, 4 axles or less
 Class 9: Tractor Trailer, 5 axles (18-wheeler)
 Class 10: Tractor-Trailer, 6 axles or more
 Multi Multi-trailer trucks (classes 11-13)

Total Violations over the 24-hour period

5 APPENDIX A - Figures

5.1 Roadway Configurations

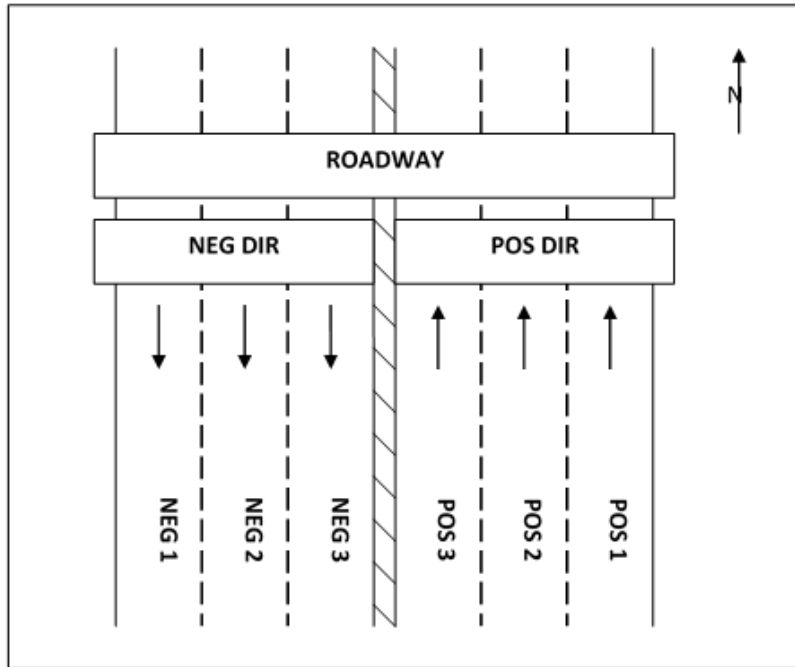


Figure 3: Roadway Configuration where the traffic measurement site covers both directions of travel

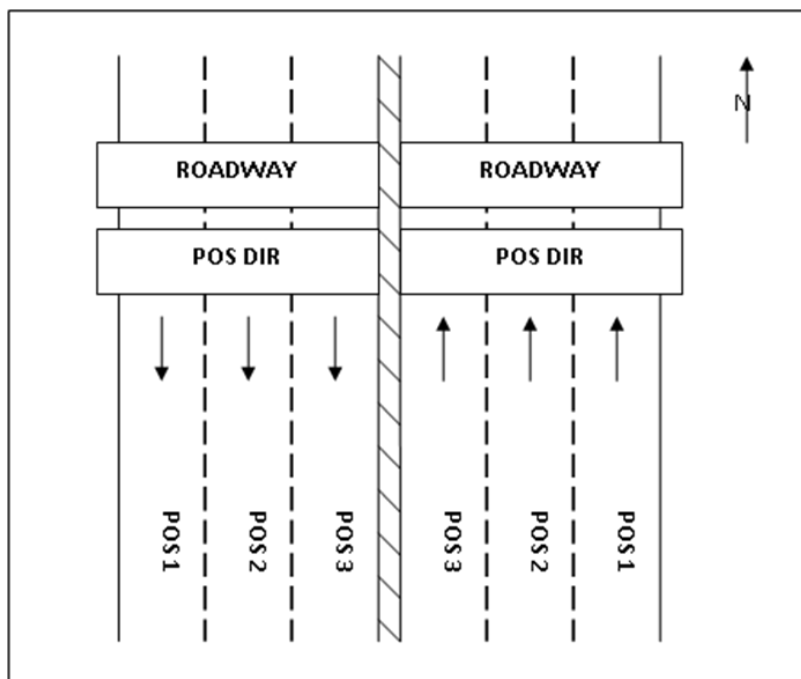


Figure 4: Roadway Configuration where traffic measurement site covers each direction of travel separately

5.2 Factor Groups

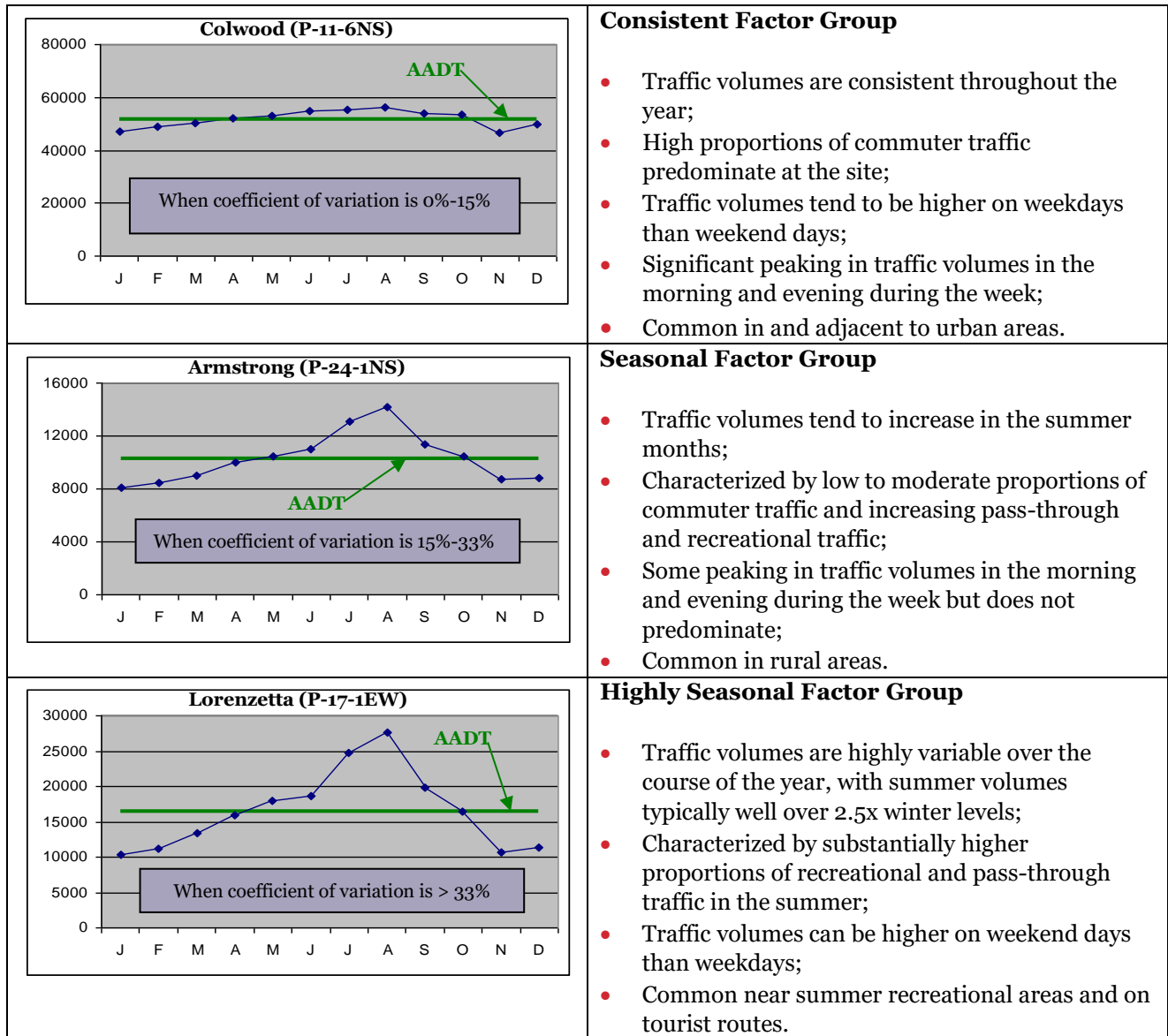


Figure 5: Factor Groups