From: Fraser, Jennifer TRAN:EX(Jennifer.Fraser@gov.bc.ca)
To: Freeman, Tom W TRAN:EX (Tom.Freeman@gov.bc.ca)
Subject: FW: Coquihalla Value Estimates
Sent: 05/29/2023 19:58:53
Message Body:

How's this!!!!

Jennifer Fraser, RPF

Executive Director Highway Reinstatement Program

Southern Interior Region, Kamloops

(c) 250-318-7195

Jennifer.Fraser@gov.bc.ca

From: Freeman, Tom W TRAN:EX

Sent: Wednesday, July 6, 2022 3:31 PM

To: Fraser, Jennifer TRAN:EX

Subject: Coquihalla Value Estimates

Jennifer:

I did this very quickly. I have some handwritten notes at work that I cannot reference, but my guestimate for Coquihalla would be $35 to $40B. Only perm count data is 2019 so I think volumes a bit low due to covid so likely conservative value. Also all our valuations would not reflect recent inflation (for either of the corridors)

Tom

Cell: 250-371-7932

	TCH	Coquihalla			
Trucks/Day	1,963	2,420	H5 data is for 2019 so likely low?		
Days/Year	365	365			
Trucks/Year	716495	883300			
Payload Value/Truck	$45,799	$45,799			
Cargo Value/Year	$32,814,754,505	**$40,454,256,700**	**high end**		
TCH MKK Report Update: (afew years old)					
Economic Value Low	$24,000,000,000				
Economic Value High	$28,000,000,000				
Reverse Engineering of TCH to Match MMK					
	TCH	Coquihalla			
Trucks/Day	1,963	2,420			
Days/Year	365	365			
Trucks/Year	716495	883300			
Payload Value/Truck	$39,000	$39,000	lowered this value to generate $28B		
Cargo Value/Year	$27,943,305,000	**$34,448,700,000**	**low end**		

Estimate of the Economic Value of Highway 5, Coquihalla:

This accompanies email uploaded to FOI folder.

BC MOTI Traffic Data Website:

As requested.

Hyperlink to BC MOTI Traffic Data. Zoom into map for area of interest to locate locations of traffic data collection and associated reports.

https://prdoas6.pub-apps.th.gov.bc.ca/tsg/

Notes referenced in email:

Approximation on value of highway trade corridors based upon truck demand usage.

$3,800 per tonne x 13 tonnes/truck = $49,400 per truck

~$50,00 per truck

Trans Canada Highway (1,500 trucks/day) = $75 million per day or $27 billion per year

Source: US DOT Bureau of Transportation Statistics, Value of Imports from Canada by Truck

BC Ministry of Transportation and Infrastructure
Annual Day of Week Summary for 2022

Site names: Ironmask P-21-3NS - CY

Seasonal Factor Grp: Seasonal
Daily Factor Grp: Seasonal

Location: Route 5, just south of Route 1, west of Kamloops

	SUN	MON	TUE	WED	THU	FRI	SAT	MADT	MAWDT	MAWET	% POS
JAN	5,676	7,127	7,393	7,623	7,337	7,339	5,878	6,910	7,370	5,777	49
FEB	7,240	8,878	8,676	8,539	9,297	10,253	8,041	8,703	8,847	7,641	49
MAR	9,793	10,234	9,060	10,131	10,373	11,429	9,478	10,071	9,949	9,635	49
APR	9,947	10,735	10,115	10,620	12,070	12,470	9,573	10,790	10,885	9,760	50
MAY	10,962	12,136	11,493	11,315	12,304	13,984	10,603	11,828	11,812	10,783	50
JUN	12,454	12,516	12,033	12,532	13,661	14,066	10,991	12,608	12,685	11,723	50
JUL	15,288	15,320	13,690	14,054	16,116	16,418	13,830	14,959	14,795	14,559	50
AUG	16,037	16,030	14,872	14,685	16,480	17,774	15,457	15,905	15,517	15,747	50
SEP	12,526	13,811	12,535	12,403	14,178	15,325	12,443	13,317	13,232	12,485	49
OCT	10,280	11,241	11,026	10,886	11,785	12,977	10,365	11,223	11,234	10,323	50
NOV	6,691	7,440	8,076	8,274	9,271	8,621	6,780	7,879	8,265	6,736	49
DEC	6,024	8,123	8,127	8,496	8,462	8,866	6,880	7,854	8,302	6,452	50

	SUN	MON	TUE	WED	THU	FRI	SAT	AADT	AAWDT	AAWET	% POS
2022	10,243	11,132	10,591	10,796	11,778	12,460	10,027	11,004	11,074	10,135	50
2021	8,865	9,551	9,421	9,572	10,213	10,772	8,970	9,623	9,689	8,918	49
2020											
2019											
2018	9,641	10,029	9,284	9,485	10,300	11,477	9,112	9,904	9,775	9,376	49
2017	10,297	10,254	9,801	9,726	10,711	12,086	9,622	10,357	10,123	9,959	49
2016	9,851	9,908	9,225	9,365	10,468	11,542	9,006	9,909	9,741	9,428	49
2015	9,571	9,818	9,215	9,182	10,064	11,309	8,922	9,726	9,570	9,246	49
2014											
2013											
2012	8,874	9,218	8,360	8,350	9,415	10,549	8,010	8,968	8,836	8,442	50

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BC Ministry of Transportation and Infrastructure
Annual Day of Week Summary for 2021

Site names: Ironmask P-21-3NS - CY

Seasonal Factor Grp: Seasonal
Daily Factor Grp: Seasonal

Location: Route 5, just south of Route 1, west of Kamloops

	SUN	MON	TUE	WED	THU	FRI	SAT	MADT	MAWDT	MAWET	% POS
JAN	5,404	6,167	6,662	6,329	7,121	6,561	5,792	6,291	6,570	5,598	48
FEB	5,103	6,064	6,420	6,787	6,435	7,198	5,420	6,204	6,427	5,261	48
MAR	6,947	7,770	8,371	8,505	8,755	9,571	8,081	8,285	8,350	7,514	49
APR	7,657	8,805	8,833	8,650	9,769	9,566	7,253	8,647	9,014	7,455	50
MAY	7,197	8,551	8,665	8,693	9,366	9,601	7,422	8,499	8,819	7,309	50
JUN	10,670	10,601	10,344	11,336	11,151	12,260	9,722	10,869	10,858	10,196	50
JUL	16,987	15,321	14,066	14,689	16,949	17,600	15,594	15,886	15,256	16,291	49
AUG	15,693	13,594	13,583	13,710	15,138	16,292	15,403	14,773	14,006	15,548	50
SEP	12,991	13,600	12,269	12,718	13,731	15,397	12,841	13,364	13,079	12,916	50
OCT	9,492	11,569	10,786	10,467	11,025	12,454	10,249	10,863	10,962	9,870	49
NOV	3,650	6,431	6,138	6,290	6,159	6,384	5,713	5,823	6,254	4,682	50
DEC	4,589	6,143	6,911	6,689	6,963	6,379	4,153	5,975	6,676	4,371	49

	SUN	MON	TUE	WED	THU	FRI	SAT	AADT	AAWDT	AAWET	% POS
2021	8,865	9,551	9,421	9,572	10,213	10,772	8,970	9,623	9,689	8,918	49
2020											
2019											
2018	9,641	10,029	9,284	9,485	10,300	11,477	9,112	9,904	9,775	9,376	49
2017	10,297	10,254	9,801	9,726	10,711	12,086	9,622	10,357	10,123	9,959	49
2016	9,851	9,908	9,225	9,365	10,468	11,542	9,006	9,909	9,741	9,428	49
2015	9,571	9,818	9,215	9,182	10,064	11,309	8,922	9,726	9,570	9,246	49
2014											
2013											
2012	8,874	9,218	8,360	8,350	9,415	10,549	8,010	8,968	8,836	8,442	50
2011	8,777	9,013	8,193	8,121	9,197	10,336	7,919	8,794	8,631	8,348	43

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BC Ministry of Transportation and Infrastructure
Annual Day of Week Summary for 2019

Site names: Coquihalla P-17-8NS - NY

Seasonal Factor Grp: Highly Seasonal
Daily Factor Grp: Highly Seasonal

Location: Route 5, 12.0 km north of Route 3, north of Hope

	SUN	MON	TUE	WED	THU	FRI	SAT	MADT	MAWDT	MAWET	% POS
JAN	6,979	6,540	7,052	6,428	6,237	7,297	6,812	6,763	6,564	6,896	46
FEB	7,045	7,668	5,899	6,529	7,381	8,368	6,121	7,001	6,869	6,583	48
MAR	12,124	8,939	8,141	8,407	9,589	12,016	9,178	9,770	8,769	10,651	49
APR	13,812	12,098	9,766	9,899	12,469	15,566	9,528	11,877	11,058	11,670	50
MAY	15,646	15,316	11,166	11,112	12,845	18,106	12,008	13,743	12,610	13,827	50
JUN	18,262	13,786	11,605	12,161	14,991	20,724	14,382	15,130	13,136	16,321	51
JUL	23,687	19,636	15,514	15,581	17,814	22,621	17,674	18,932	17,136	20,680	49
AUG	23,603	22,122	16,584	16,257	19,832	24,976	20,125	20,500	18,699	21,864	50
SEP	17,771	15,408	12,444	11,970	13,513	17,319	12,643	14,438	13,334	15,207	48
OCT	11,419	12,591	9,327	9,203	10,422	14,858	10,522	11,192	10,386	10,970	49
NOV	8,578	9,055	7,056	7,680	8,490	10,493	7,561	8,416	8,070	8,069	49
DEC	8,130	7,083	6,597	6,413	6,756	7,790	6,165	6,990	6,712	7,147	48

	SUN	MON	TUE	WED	THU	FRI	SAT	AADT	AAWDT	AAWET	% POS
2019	13,921	12,520	10,096	10,136	11,695	15,011	11,060	12,063	11,112	12,490	49
2018	13,869	12,159	9,655	9,887	11,432	14,445	10,991	11,777	10,783	12,430	49
2017	13,575	11,956	10,007	10,186	11,541	14,902	10,889	11,865	10,922	12,232	49
2016	12,422	11,776	10,013	10,111	11,988	13,770	9,641	11,389	10,972	11,032	49
2015	11,036	10,087	8,481	8,558	9,805	12,447	8,915	9,904	9,233	9,975	49
2014											
2013	11,251		8,887		9,750		9,983		9,318	10,617	
2012	12,004	11,009	8,770	8,731	10,453	13,380	9,635	10,569	9,741	10,820	49
2011	12,349	10,803	9,052	9,004	10,800	13,459	9,466	10,705	9,915	10,908	49
2010	12,759	11,003	8,963	9,267	10,724	13,394	9,720	10,833	9,989	11,240	49
2009	12,104	10,195	8,423	8,382	9,743	12,607	9,165	10,088	9,185	10,634	49

BC Ministry of Transportation and Infrastructure

Annual Day of Week Summary for 2018

Site Names: Ironmask P-21-3NS - CY
County: N/A
Funct. Class:
Location: Route 5, just south of Route 1, west of Kamloops

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

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	MADT	MAWDT	MAWET	% POS
Jan	5,555	5,887	6,379	6,507	6,843	7,277	5,545	6,285	6,404	5,550	48
Feb	5,260	6,910	6,726	6,596	7,035	7,558	5,430	6,502	6,816	5,345	48
Mar	7,812	7,655	8,110	8,340	8,552	8,792	7,100	8,051	8,164	7,456	49
Apr	9,383	9,503	8,661	9,052	9,650	10,738	8,596	9,369	9,217	8,989	50
May	11,066	12,272	10,770	10,901	12,102	13,931	9,974	11,574	11,511	10,520	50
Jun	11,927	11,444	10,825	11,227	12,688	14,419	10,905	11,919	11,546	11,416	50
Jul	13,667	14,215	12,672	12,701	14,135	15,734	13,014	13,734	13,431	13,340	49
Aug	16,050	15,680	13,434	13,480	14,901	17,816	14,721	15,155	14,374	15,385	49
Sep	11,645	12,119	10,802	10,671	11,359	12,881	10,796	11,467	11,238	11,220	49
Oct											
Nov	6,774	7,964	7,894	7,800	8,165	8,713	6,872	7,740	7,956	6,823	49
Dec	6,912	6,681	5,861	7,066	7,871	8,394	7,291	7,154	6,870	7,102	49

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	AADT	AAWDT	AAWET	% POS
2018	9,641	10,030	9,285	9,486	10,300	11,477	9,113	9,905	9,775	9,377	49
2017	10,297	10,255	9,801	9,726	10,712	12,087	9,623	10,357	10,123	9,960	49
2016	9,852	9,908	9,225	9,366	10,469	11,543	9,006	9,910	9,742	9,429	49
2015	9,572	9,818	9,216	9,182	10,064	11,310	8,922	9,726	9,570	9,247	49
2014											
2013											
2012	8,874	9,218	8,361	8,350	9,416	10,550	8,011	8,968	8,836	8,443	50
2011	8,778	9,013	8,193	8,121	9,198	10,336	7,920	8,794	8,631	8,349	43
2010	9,194	9,090	8,349	8,580	9,321	10,435	8,183	9,022	8,835	8,689	42
2009	8,776	8,599	7,837	7,806	8,659	10,022	7,832	8,504	8,225	8,304	42

BC Ministry of Transportation and Infrastructure

Annual Day of Week Summary for 2017

Site Names: Ironmask P-21-3NS - CY
County: N/A
Funct. Class:
Location: Route 5, just south of Route 1, west of Kamloops

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

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	MADT	MAWDT	MAWET	% POS
Jan	5,997	6,498	6,535	6,527	6,894	7,445	5,752	6,521	6,613	5,874	49
Feb	5,630	6,544	6,900	6,978	6,518	7,222	5,901	6,527	6,735	5,765	48
Mar	9,260	8,665	8,038	8,207	8,968	9,970	7,781	8,698	8,469	8,520	49
Apr	9,260	10,028	9,191	9,262	10,817	11,210	8,376	9,735	9,824	8,818	50
May	10,452	8,886	10,879	10,313	11,893	14,598	10,279	11,042	10,492	10,365	50
Jun	12,024	11,017	10,511	10,656	11,848	12,904	9,991	11,279	11,008	11,008	50
Jul	16,144	15,064	13,664	13,411	15,129	16,505	14,136	14,865	14,317	15,140	49
Aug	17,075	18,619	15,521	14,542	16,564	19,982	16,942	17,035	16,311	17,008	49
Sep	12,143	10,725	10,106	10,166	11,349	13,225	10,500	11,173	10,587	11,321	49
Oct	9,414	11,253	9,583	9,191	10,394	11,740	8,662	10,034	10,105	9,038	49
Nov											
Dec	5,871	5,503	6,886	7,737	7,458	8,155	7,532	7,020	6,896	6,701	49

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	AADT	AAWDT	AAWET	% POS
2017	10,297	10,255	9,801	9,726	10,712	12,087	9,623	10,357	10,123	9,960	49
2016	9,852	9,908	9,225	9,366	10,469	11,543	9,006	9,910	9,742	9,429	49
2015	9,572	9,818	9,216	9,182	10,064	11,310	8,922	9,726	9,570	9,247	49
2014											
2013											
2012	8,874	9,218	8,361	8,350	9,416	10,550	8,011	8,968	8,836	8,443	50
2011	8,778	9,013	8,193	8,121	9,198	10,336	7,920	8,794	8,631	8,349	43
2010	9,194	9,090	8,349	8,580	9,321	10,435	8,183	9,022	8,835	8,689	42
2009	8,776	8,599	7,837	7,806	8,659	10,022	7,832	8,504	8,225	8,304	42
2008											

BC Ministry of Transportation and Infrastructure

Annual Day of Week Summary for 2018

Site Names: Coquihalla P-17-8NS - NY
County: N/A
Funct. Class:
Location: Route 5, 12.0 km north of Route 3, north of Hope

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

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	MADT	MAWDT	MAWET	% POS
Jan		6,753	6,497	6,085	6,551	7,413	5,383		6,471	5,383	
Feb	6,108	7,224	5,898	5,893	6,379	8,272	5,647	6,489	6,349	5,877	47
Mar	10,110	8,062	7,670	8,400	9,122	9,107	7,417	8,555	8,313	8,764	49
Apr	13,676	10,281	8,606	9,047	10,741	12,561	9,970	10,697	9,669	11,823	49
May	15,996	15,840	11,246	11,244	13,604	19,056	12,598	14,226	12,984	14,297	50
Jun	17,457	13,381	11,343	12,109	14,661	19,709	13,699	14,622	12,873	15,578	51
Jul	21,040	19,720	14,753	14,884	17,271	22,033	17,338	18,148	16,657	19,189	49
Aug	23,594	21,337	16,183	16,253	18,869	24,668	19,919	20,117	18,160	21,757	49
Sep	17,037	15,925	11,911	11,442	13,009	16,943	13,845	14,302	13,072	15,441	49
Oct	11,118	12,197	9,248	8,910	10,909	14,986	10,880	11,178	10,316	10,999	49
Nov	8,206	8,627	7,259	7,200	8,071	9,549	7,216	8,018	7,789	7,711	49
Dec	8,217	6,564	5,248	7,190	8,010	9,047	7,988	7,466	6,753	8,103	49

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	AADT	AAWDT	AAWET	% POS
2018	13,869	12,159	9,655	9,888	11,433	14,445	10,992	11,777	10,784	12,430	49
2017	13,583	11,956	10,007	10,186	11,541	14,902	10,889	11,866	10,923	12,236	49
2016	12,423	11,777	10,013	10,112	11,989	13,770	9,642	11,389	10,973	11,032	49
2015	11,036	10,087	8,481	8,558	9,806	12,447	8,915	9,905	9,233	9,976	49
2014											
2013	11,251		8,887		9,751		9,984		9,319	10,618	
2012	12,005	11,009	8,771	8,732	10,454	13,380	9,636	10,569	9,741	10,820	49
2011	12,349	10,803	9,052	9,004	10,800	13,459	9,467	10,705	9,915	10,908	49
2010	12,760	11,003	8,964	9,267	10,725	13,395	9,720	10,833	9,990	11,240	49
2009	12,104	10,196	8,423	8,382	9,743	12,607	9,166	10,089	9,186	10,635	49

BC Ministry of Transportation and Infrastructure

Annual Day of Week Summary for 2017

Site Names: Coquihalla P-17-8NS - NY
County: N/A
Funct. Class:
Location: Route 5, 12.0 km north of Route 3, north of Hope

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

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	MADT	MAWDT	MAWET	% POS
Jan	6,906	6,770	6,066	5,938	6,510	7,642	5,473	6,472	6,321	6,190	48
Feb	7,167	7,051	6,561	6,642	6,793	8,483	6,134	6,976	6,762	6,650	48
Mar	10,621	8,798	8,048	7,885	8,883	10,718	7,831	8,969	8,403	9,226	48
Apr	12,959	11,739	9,228	9,497	12,029	14,376	9,620	11,350	10,623	11,290	50
May	15,165	9,368	10,426	10,648	12,621	17,670	11,931	12,547	10,766	13,548	51
Jun	17,897	13,283	11,277	12,038	14,425	19,300	12,029	14,321	12,755	14,963	51
Jul	23,583	21,268	16,040	15,967	18,405	23,252	18,878	19,628	17,920	21,230	48
Aug	23,956	22,637	17,234	17,059	20,218	25,388	20,501	20,999	19,287	22,228	50
Sep	18,002	16,606	12,293	11,814	13,316	19,292	14,583	15,129	13,507	16,293	49
Oct	12,711	12,800	9,599	9,572	11,217	14,882	9,657	11,491	10,797	11,184	49
Nov	7,122	7,618	6,379	7,137	6,697	9,079	6,272	7,186	6,958	6,697	48
Dec	6,911	5,540	6,936	8,036	7,382	8,747	7,760	7,330	6,974	7,336	49

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	AADT	AAWDT	AAWET	% POS
2017	13,583	11,956	10,007	10,186	11,541	14,902	10,889	11,866	10,923	12,236	49
2016	12,423	11,777	10,013	10,112	11,989	13,770	9,642	11,389	10,973	11,032	49
2015	11,036	10,087	8,481	8,558	9,806	12,447	8,915	9,905	9,233	9,976	49
2014											
2013	11,251		8,887		9,751		9,984		9,319	10,618	
2012	12,005	11,009	8,771	8,732	10,454	13,380	9,636	10,569	9,741	10,820	49
2011	12,349	10,803	9,052	9,004	10,800	13,459	9,467	10,705	9,915	10,908	49
2010	12,760	11,003	8,964	9,267	10,725	13,395	9,720	10,833	9,990	11,240	49
2009	12,104	10,196	8,423	8,382	9,743	12,607	9,166	10,089	9,186	10,635	49
2008	11,064	9,725	8,073	7,951	9,288	11,974	8,772	9,550	8,759	9,918	49

Traffic Reports User Documentation

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Prepared by WSP Canada Group Limited

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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
1	2	Motorcycles
2	2-4	Passenger Cars (with or without trailers)
3	2-5	Other two axle, 4 tire vehicles (with or without trailers)
4	2-3	Buses
5	2-5	Two axles, 6 tires, single trailer trucks
6	3	Three axles, single unit trucks
7	4	Four axles, single unit trucks

Bin	# of Axles	Bin Category Name
8	3-4	Four or fewer axles, single trailer trucks
9	5	Five axles, single trailer trucks
10	6-10	Six or more axles, single trailer trucks
11	5	Five axles, multi-trailer trucks
12	6	Six axles, multi-trailer trucks
13	7-13	All other vehicles
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 MV02 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

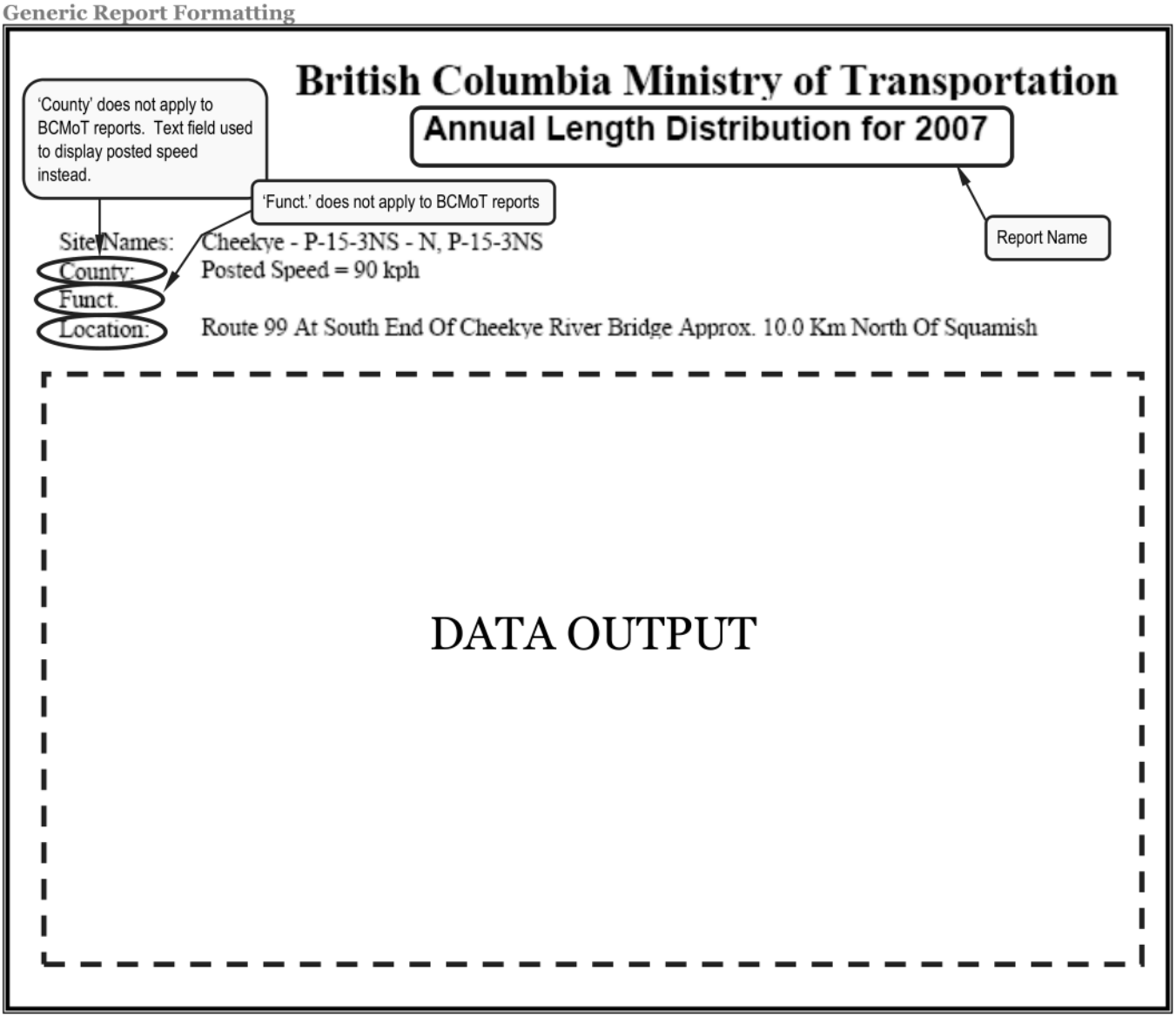
Type / Data		BCMoT Traffic Reports															
		Annual						Monthly						Daily			
		AC01P	AL01P	AS01P	AV02P	AV03P	AV04P	MC01P	ML01P	MS01P	MV01P	MV03P	MV04P	DC05B	DC06B	DV01RE	DV06S
Site Type	Perm Sites	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	
	Short Count Sites													✓	✓		✓
	WIM Sites	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	
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



4.3 Annual Class Report (AC01)

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

Pacific Crossing (WIM) 2008 AC01 Report

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

'Funct.' does not apply to BCMoT reports.

BC Ministry of Transportation and Infrastructure

Annual Class Distribution for 2008

Site Names: W-65-1NS
County: Posted Speed = 70 kph
Funct. Urban Principal Arterial - Other Freeways
Location: Route 15 0.5 Km South Of 8 Avenue In Surrey

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

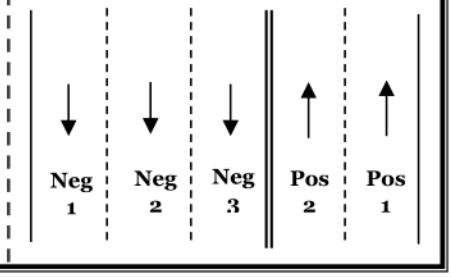
	Roadway	Neg DIR	Pos DIR	Neg 1	Neg 2	Neg 3	Pos 2	Pos 1
Motorcycle	14	6	8	2	1	2	3	3
Pass.Veh.	8,353	3,712	4,640	225	993	2,495	3,406	1,235
PU/SUV	1,567	787	780	268	187	333	505	275
Bus	39	19	20	1	18	0	12	8
2Axle6Tire	125	55	70	25	20	10	36	33
SU 3 Axle	106	55	52	22	29	5	24	27
SU 4+ Axle	3	1	2	0	1	0	1	1
ST 4- Axle	38	16	22	3	7	5	10	12
ST 5 Axle	788	270	518	139	128	3	302	216
ST 6+ Axle	337	159	179	84	74	1	102	77
MT 5- Axle	27	13	13	4	9	1	8	5
MT 6 Axle	46	34	12	26	8	0	5	7
MT 7+ Axle	144	68	76	37	30	1	47	29
UNCL	908	584	324	92	374	119	72	252
Trucks	1,654	690	963	340	323	27	549	415
Combo Trucks	1,380	560	820	293	256	12	475	345
Classified	11,588	5,196	6,392	835	1,504	2,857	4,464	1,928
% Unclass	7.00	10.00	5.00	10.00	20.00	4.00	2.00	12.00
Num Days	7	7	7	7	7	7	7	7
Total	12,496	5,780	6,716	926	1,878	2,976	4,536	2,180

Annual average volume of single trailers with 5 axles in Pos 1

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

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

Site Layout



4.4 Annual Class Report (AC01P)

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

152 Street 2015 AC01P 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%	80 .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 [illegible]	199 [illegible]	2,743 [illegible]	4,401 [illegible]	2,114 28.22%	1,703 27.03%	3,226 25.28%	2,152 23.04%
4	Bus	485 .73%	266 .71%	[illegible]	[illegible]	[illegible]	[illegible]	67 .90%	64 1.02%	22 .18%	133 1.43%
5	2Axle6Tire	3,921 5.93%	2,231 5.92%	[illegible]	[illegible]	[illegible]	[illegible]	390 .21%	307 4.87%	670 5.25%	714 7.64%
6	SU 3 Axle	462 .70%	279 .74%	[illegible] .64%	[illegible] 1.63%	[illegible] 1.65%	[illegible] .26%	12 .16%	9 .15%	24 .19%	150 1.61%
7	SU 4+ Axle	57 .09%	34 .09%	23 .08%	1 .15%	27 .21%	6 .04%	0 .00%	0 .00%	2 .02%	20 .22%
8	ST 4- Axle	247 .37%	150 .40%	97 .34%	6 .73%	106 .84%	26 .16%	12 .16%	9 .15%	14 .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	822 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%	25 .09%	0 .04%	8 .06%	1 .01%	0 .01%	0 .01%	1 .01%	23 .25%
12	MT 6 Axle	85 .13%	50 .13%	35 .12%	2 .21%	43 .34%	5 .03%	0 .00%	0 .00%	2 .02%	33 .35%
13	MT 7+ Axle	393 .59%	213 .56%	180 .63%	7 .81%	190 1.50%	16 .10%	0 .00%	1 .01%	13 .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

British Columbia Ministry of Transportation

Annual Length Distribution for 2007

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

	Roadway	Neg DIR	Pos DIR	Neg 1	Pos 2	Pos 1
0.00-6.00	7,516	3,756	3,759	3,756	1,511	2,249
6.00-12.50	696	344	352	344	114	238
12.50-22.50	196	100	95	100	22	73
22.50-35.00	17	9	8	9	2	6
35.00-999.00	1	0	0	0	0	0
Total	8,425	4,210	4,215	4,210	1,649	2,566

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

'Funct.' does not apply to BCMoT reports

Northbound fast lane

Length Bins (metres)

Southbound lane

Northbound slow lane

Daily average volume for vehicles between 12.5 and 22.5 metres during 2007

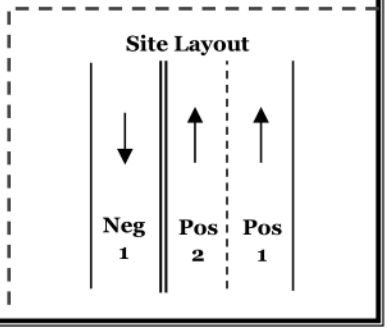
POS 1 AADT

Positive Direction AADT

Negative Direction AADT

Roadway totals may not be equal to the sum of the Neg and the Pos direction due to rounding

Roadway AADT is 8,426 however the bin totals are rounded. The AADT calculation includes fractional values (decimals) which are not displayed in this report.



4.6 Annual % Length Report (AL02)

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

Sooke AL02 Report

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

'Funct.' does not apply to BCMoT reports.

British Columbia Ministry of Transportation

Annual % Length Distribution 2007

Site Names: Sooke - P-11-3EW - N, P-11-3EW, 6251 - Sooke - 62510P - - -
County: Posted Speed = 80 kph
Funct.
Location: Route 14 0.8 Km West Of Humpback Road/ Woodruff Road East Of Sooke

Length Bins (metres)

Southbound slow lane

Southbound fast Lane

Northbound slow lane

Northbound fast lane

	Roadway	Neg DIR	Pos DIR	Neg 1	Neg 2	Pos 2	Pos 1
0.00-6.00	95.4	95.4	95.5	94.2	97.9	97.9	94.6
6.00-12.50	3.8	3.9	3.8	4.8	1.9	1.9	4.2
12.50-22.50	0.7	0.7	0.7	1.0	0.2	0.1	0.9
22.50-35.00	0	0	0	0	0	0	0
35.00-999.00	0	0	0	0	0	0	0
Total	12,860	6,441	6,420	4,426	2,014	1,813	4,607

% of daily average volume for vehicles between 12.5 and 22.5 metres

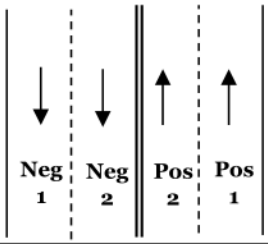
Pos 2 AADT

Roadway AADT generated from AL01 Report

Negative Direction AADT

Positive Direction AADT

Site Layout



4.7 Annual Length Report (AL01P)

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 AL01P Report

BC Ministry of Transportation and Infrastructure

Annual Length 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

Length Bins (metres)

Pos 1

Neg

	Road	E	W	E Lane1	E Lane2	E Lane3	E Lane4	W Lane3	W Lane2	W Lane1
0-6	59,029 90.08%	33,773 90.85%	25,256 89.06%	759 88.44%	10,213 81.73%	15,704 95.61%	7,097 95.99%	5,916 94.63%	12,010 94.45%	7,330 78.05%
6-12.5	3,940 6.01%	1,986 5.34%	1,954 6.89%	58 6.70%	1,150 9.20%	559 3.40%	220 2.97%	259 4.13%	592 [illegible]	1,103 [illegible]
12.5-22.5	1,846 2.82%	1,033 2.78%	813 2.87%	30 3.44%	803 6.43%	125 .76%	75 1.02%	76 1.21%	[illegible]	[illegible]
22.5-35	711 1.08%	378 1.02%	333 1.17%	12 1.41%	329 2.63%	37 .22%	0 .00%	1 .02%	[illegible] .23%	[illegible] 3.22%
35-999	7 01%	4 01%	3 01%	0 .02%	2 .01%	1 .01%	1 .01%	0 .01%	1 .01%	2 .02%
Total	65,533 100.00%	37,173 100.00%	28,359 100.00%	859 100.00%	12,496 100.00%	16,426 100.00%	7,393 100.00%	6,252 100.00%	12,715 100.00%	9,391 100.00%

Daily average volume for vehicles between 12.5 and 22.5 metres during 2015 in E Lane4

Negative Direction AADT

Positive Direction AADT

Site Layout

Neg

Pos

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

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

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

'Funct.' does not apply to BCMoT reports.

British Columbia Ministry of Transportation

Annual Speed Distribution for 2007

Site Names: Sidney - P-11-8NS - N, P-11-8NS, 5503 - Sidney - 55
County: Posted Speed = 90 kph
Funct.
Location: Route 17 0.5 Km North Of Amity Drive And 1.3 Km South Of Mctavish Road In Sidney

Southbound slow lane

Southbound fast Lane

Northbound slow lane

Northbound fast lane

Speed Bins (km/h)

	Roadway	Neg DIR	Pos DIR	Neg 1	Neg 2	Pos 2	Pos 1
0-75	1,435	1,137	298	886	252	47	251
76-85	6,391	3,791	2,600	2,778	1,013	482	2,118
86-90	5,362	2,594	2,768	1,733	861	855	1,913
91-95	6,382	2,882	3,500	1,584	1,298	1,578	1,922
96-100	5,737	2,483	3,254	1,020	1,463	1,930	1,324
101-105	3,831	1,610	2,221	502	1,108	1,498	723
106-110	1,864	754	1,110	193	562	790	320
111-115	702	262	440	64	198	310	130
116-120	103	35	68	8	27	48	20
121-130	225	76	150	20	55	104	46
131-140	22	6	15	2	4	10	5
141-999	14	6	8	4	2	4	3
Average	91	88	94	84	93	98	90
Median	93	91	94	88	95	98	91
85th %tile	103	102	104	98	104	107	100
% over 55	96	93	98	90	96	99	97
% over 60	96	93	98	90	96	99	97
% over 65	96	93	98	90	96	99	97
% over 70	96	93	98	90	96	99	97
% over 75	96	93	98	90	96	99	97
% over 85	76	68	82	58	82	93	73
Total	32,067	15,636	16,431	8,793	6,843	7,655	8,775

Daily average annual volume for vehicles between 101 and 105 km/h

Percentage of volume above the indicated speed as determined by the speed bins

Positive Direction AADT

AADT in Pos 2

Site Layout

Neg 1 | Neg 2 | Pos 2 | Pos 1

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

BC Ministry of Transportation and Infrastructure

Annual Speed 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
0-45	125 .19%	15 .04%	110 .39%	1 .14%	7 .06%	6 .04%	1 .01%	12 .19%	60 .47%	38 .4%
45.1-60	116 .18%	72 .19%	44 .15%	4 .42%	59 .47%	8 .05%	2 .02%	13 .21%	12 .09%	19 .2%
60.1-70	632 .96%	476 1.28%	156 .55%	15 1.8%	419 3.35%	37 .22%	5 .07%	25 .41%	25 .2%	105 1.12%
70.1-80	2,201 3.36%	1,363 3.67%	838 2.96%	42 4.93%	1,022 8.18%	262 1.6%	37 .5%	88 1.41%	129 1.01%	621 6.61%
80.1-85	2,690 4.1%	1,548 4.16%	1,142 4.03%	53 6.19%	985 7.88%	417 2.54%	92 1.25%	133 2.12%	217 1.7%	793 8.45%
85.1-90	5,082 7.76%	2,9[illegible] 7.8[illegible]	[illegible]	[illegible]	1,640 13.12%	900 5.48%	287 3.88%	261 4.17%	569 4.48%	1,327 14.13%
90.1-95	7,522 11.48%	4,255 11.45%	3,267 11.52%	111 12.94%	2,133 17.07%	1,474 8.97%	537 7.26%	477 7.63%	1,105 8.69%	1,685 17.94%
95.1-100	10,502 16.03%	5,745 15.45%	4,757 16.77%	135 15.75%	2,214 17.72%	2,458 14.96%	938 12.69%	888 14.2%	2,080 16.36%	1,788 19.04%
100.1-105	12,414 18.94%	7,229 19.45%	5,185 18.28%	145 16.91%	1,930 15.45%	3,652 22.23%	1,501 20.31%	1,164 18.62%	2,686 21.12%	1,335 14.22%
105.1-110	9,477 14.46%	4,121 11.09%	5,356 18.89%	78 9.05%	771 6.17%	2,233 13.6%	1,039 14.05%	1,434 22.89%	2,975 23.39%	951 10.12%
110.1-115	8,237 12.57%	5,547 14.92%	2,690 9.49%	92 10.73%	846 6.77%	3,040 18.51%	1,569 21.22%	841 13.45%	1,486 11.68%	364 3.87%
115.1-120	3,551 5.42%	1,809 4.87%	1,741 6.14%	34 3.95%	223 1.78%	950 5.78%	603 8.15%	578 9.24%	933 7.34%	231 2.46%
120.1-130	2,618 3.99%	1,877 5.05%	741 2.61%	42 4.85%	222 1.78%	910 5.54%	704 9.52%	274 4.39%	363 2.85%	103 1.1%
130.1-150	365 .56%	191 .51%	174 .61%	7 .82%	25 .2%	79 .48%	80 1.08%	67 1.07%	77 .6%	31 .33%
Average	101	101	101	99	94	104	107	104	103	95
Median	102	102	102	99	95	104	106	105	104	95
85th %tile	113	114	112	113	106	114	117	115	113	106
% over 55	100	[illegible]	[illegible]	[illegible]	[illegible]	100	100	100	99	99
% over 60	100	[illegible]	[illegible]	[illegible]	[illegible]	100	100	100	99	99
% over 65	99	[illegible]	[illegible]	[illegible]	[illegible]	100	100	99	99	98
% over 70	99	98	99	98	96	100	100	99	99	98
% over 75	9[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]99	98	98	92
% over 80	95	95	96	93	88	98	99	98	98	92
% over 85	91	[illegible]	92	86	[illegible]	96	98	96	97	83
Total	65,53[illegible]	37,173	28,359	859	12,496	1[illegible],426	7,393	6,252	12,715	9,391

Speed Bins (km/h)

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 Daily average volume for vehicles between 101 and 105 km/h

Percentage of volume above the indicated speed as determined by the speed bins

Positive Direction AADT

AADT in Pos 2

Site Layout

Neg

Pos

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

AAWDT = Annual Average Weekday Daily Traffic

Number of days used in calculating statistics

AAWET = Annual Average Weekend Daily Traffic

Site Name / Station ID / Location

AADT = Annual Average Daily Traffic

% increase from 2006 to 2007

British Columbia Ministry of Transportation

Volume Comparison for 2007

		Year	AADT	% chg	AAWDT	% chg	AAWET	% chg	# days
200th Street East - P-70-1EW - N Route 1 Just East Of 200th Street In Langley	Posted Speed = 100 kph	2007	59,572	2.90	61,244	2.90	52,366	2.70	354
		2006	57,950		59,534		51,009		
200th Street West - P-71-010EW - N Ramps To/From Route 1 Just West Of 200th Street In Langley	Posted Speed = 70 kph	2007	25,997	14.30	26,881	11.50	23,113	22.00	362
		2006	22,744		24,111		18,937		
200th Street West - P-71-1EW - C Route 1 Just West Of 200th Street In Langley	Posted Speed = 100 kph	2007	72,363	3.50	73,385	2.70	66,762	5.80	353
		2006	69,904		71,451		63,102		
Afton - P-21-2EW - N Route 1/97 Just West Of Rte 5 At Afton I/C West Of Kamloops	Posted Speed = 90 kph	2007	5,389	4.40	5,479	5.00	4,788	3.30	343
		2006	5,162		5,219		4,635		
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
		2006	12,563		12,361		11,764		
Alberta Route 1 - P-ALTA-1 - N Route 1 2.7 Km West Of The BC-Alberta Border	Posted Speed = 80 kph	2007	10,029	87.60	8,751	71.60	11,622	115.00	365
		2006	5,345		5,099		5,405		
Alberta Route 93 - P-ALTA-2 - N Route 93 6.6 Km South Of Route 1 In Alberta	Posted Speed = 80 kph	2007	5,414	120.30	5,110	157.00	5,594	96.20	365
		2006	2,458		1,989		2,852		
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	Posted Speed = 80 kph	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	Posted Speed = 90 kph	2007	98,335	-3.10	107,339	-3.40	73,026	-2.40	352
		2006	101,503		111,122		74,818		
Alex Fraser Bridge - P-16-69 - C Exit From Route 91 Sb To Nordel Way Eb And Wb In Delta	Posted Speed = Unknown	2007	22,789	-1.70	25,265	-1.70	16,030	-1.20	352
		2006	23,178		25,712		16,231		
Anahim - P-29-1EW - N Route 20 1.2 Km West Of Anahim Street In Anahim Lake	Posted Speed = 80 kph	2007	178	-10.20	187	-11.90	150	-7.30	364
		2006	198		213		162		
Armstrong - P-24-1NS - N Route 97a 4.0 Km North Of The North Access To Armstrong	Posted Speed = 90 kph	2007	10,565	2.50	10,604	2.60	9,731	2.70	364
		2006	10,305		10,337		9,478		

4.11 Annual Day of Week Summary Report (AV02)

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 AV02 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 factors.

British Columbia Ministry of Transportatio

Annual Day of Week Summary for 2007

See "Factor Groups" in Glossary

Site Names: Salmo - P-31-1EW - N, P-31-1EW, 6167 - Salmo - 6167
County: Posted Speed = 90 kph
Funct.
Locatio 6

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

MADT = Monthly Average Daily Traffic

MADW = Monthly Average Day of Week

MAWDT = Monthly Average Weekday Traffic
MAWET = Monthly Average Weekend Traffic

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	MADT	MAWDT	MAWET	% POS
Jan	862	776	808	895	852	941	941	826	833	767	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	2,544	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

%POS = Percentage of traffic moving in the positive direction

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	1,450	1,429	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

AADT = Annual Average Daily Traffic
AAWDT = Annual Average Weekday Daily Traffic
AAWET = Annual Average Weekend Daily Traffic

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

See "Factor Groups" in Glossary

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 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	44,0[illegible]2	67,321	70,388	71,446	66,344	71,864	54,764	6[illegible],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	51,78[illegible]	[illegible]	[illegible]	[illegible]	[illegible]1,320	67,008	56,17[illegible]	63,723	67,775	53,976	57
MAY	52,73[illegible]	[illegible]	[illegible]	[illegible]	[illegible]2,525	76,052	58,[illegible]22	65,728	68,173	55,677	57
JUN	56,462	68,709	71,391	70,078	72,93[illegible]	[illegible]	[illegible]2	68,191	70,777	58,382	57
JUL	56,632	72,233	71,866	70,158	75,64[illegible]	[illegible]	[illegible]9	6[illegible]	[illegible]	[illegible]0	[illegible]
AUG	58,043	68,275	73,801	74,902	77,827	79,318	61,625	7[illegible]	[illegible]	[illegible]	[illegible]
SEP	54,660	64,766	70,828	72,190	74,137	78,405	61,591	6[illegible]	[illegible]	[illegible]	[illegible]
OCT	54,942	63,658	68,733	69,562	72,221	76,815	59,821	6[illegible]	[illegible]	[illegible]2	[illegible]
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

MADW = Monthly Average Day of Week

MADT = Monthly Average Daily Traffic

MAWDT = Monthly Average Weekday Traffic
MAWET = Monthly Average Weekend Traffic

%POS = Percentage of traffic moving in the positive direction

54,942 is the Sunday MADW for October 2015

	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											

AADT = Annual Average Daily Traffic
AAWDT = Annual Average Weekday Daily Traffic
AAWET = Annual Average Weekend Daily Traffic

Site Layout

← Neg

→ Pos

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 Tra

500 Highest Hours for 200

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

%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. BCMoT does not use axle or growth factors.

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

'Funct.' does not apply to BCMoT reports.

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

See "Factor Groups" in Glossary

	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	
5	2,098	10.20	50.10	Sep 4, 2007 17	
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-16-02EW - NY

Seasonal Factor Grp: Consistent
Daily Factor Grp: Consistent

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

Rank	Volume	% AADT	% Pos	Date/Time	Day
1	7038	10.74	57.5	1/30/15 4:00 PM	Friday
2	7031	10.73	63.86	10/23/15 4:00 PM	Friday
3	6997	10.67	62.46	7/17/15 4:00 PM	Friday
4	6988	10.66	67.46	9/25/15 4:00 PM	Friday
5	6966	10.63	65.99	10/16/15 4:00 PM	Friday
28	6611	10.08	66.27	4/15/15 4:00 PM	Wednesday
29	6600	10.07	58.76	1/16/15 4:00	
30	6594	10.06	68.88	11/26/15 4:0	
35	6576	10.03		6/5/15 4:00	
40	6542	9.98		10/1/15 4:00	
45		9.96	66.78	8/21/15 4:00 PM	Friday
50		9.89	69.17	9/23/15 4:00 PM	Wednesday
55		9.87	66.79	11/6/15 4:00 PM	Friday
60	6456	9.85	68.23	11/19/15 4:00 PM	Thursday
65	6428	9.81	66.02	5/8/15 4:00 PM	Friday
70	6409	9.78	61.63	1/26/15 4:00 PM	Monday
75	6389	9.75	62.33	1/7/15 4:00 PM	Wednesday
80	6384	9.74	66.13	8/19/15 4:00 PM	Wednesday
85	6373	9.72	69.32	10/13/15 4:00 PM	Tuesday
90	6356	9.7	65.26	12/4/15 4:00 PM	Friday
95	6340	9.67	65.16	11/13/15 4:00 PM	Friday
100	6319	9.64	62.7	10/22/15 5:00 PM	Thursday
200	6112	9.32	69.14	10/20/15 4:00 PM	Tuesday
300	5947	9.07	71.25	6/3/15 5:00 PM	Wednesday
400	5758	8.78	62	8/5/15 5:00 PM	Wednesday
500	5639	8.6	67.71	7/27/15 3:00 PM	Monday

See "Factor Groups" in Glossary

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.

%POS = Percentage of traffic moving in the positive direction

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

Site Layout

← Neg

→ Pos

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

'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 factors.

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 16.5 Km East Of Prin

Seasonal Factor Group: Highly Seasonal

Daily Factor Group: Highly Seasonal

Axle Factor Group:

Growth Factor Group: Highly Seasonal

See "Factor Groups" in Glossary

'Funct.' does not apply to BCMoT reports.

	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
1:00	5	3	2	3	2	1	3	2	1	3	2	1	4	3	1	5	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
3:00	3	1	1	3	2	2	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
17:00	83	59	24	66	41	25	55	33	23	59	35	24	62	34	28	82	43	40	84	56	28
18:00	68	48	20	61	36	25	47	25	22	46	29	17	50	31	19	65	38	27	67	45	22
19:00	54	37	17	43	27	15	38	22	16	33	20	13	36	24	12	49	29	19	49	34	15
20:00	42	30	12	32	22	11	27	15	11	26	16	10	31	21	10	36	24	12	34	24	10
21:00	30	22	8	22	15	7	22	13	9	22	15	7	24	16	8	26	17	9	26	18	9
22:00	23	17	6	17	12	5	16	10	5	16	10	5	16	11	5	21	15	6	20	15	5
23:00	12	8	3	10	6	3	9	6	3	9	6	3	10	7	3	13	9	4	13	9	4
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
NDAYS	52	52	52	52	52	52	51	51	51	53	53	53	51	51	51	52	52	52	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-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

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

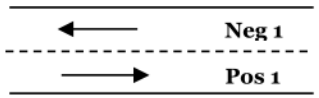
AADW = Annual Average Day of the Week

NDAYS = Number of Days used to calculate the AADW

52 Wednesdays were counted in 2015

	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	228	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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94	193	107	86	207	112	94	220	125	95	270	179	91
04:00	244	149	94	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	285	421	155	266	431	160	271	430	162	267	294	169	125
05:00	408	207	20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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	1,639	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12:00	3,92[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]570	2,034	1,536	3,615	2,080	1,535	3,744	2,159	1,585	4,060	2,390	1,669	4,060	2,220	1,840
13:00	4,00[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]720	2,242	1,477	3,744	2,267	1,477	3,957	2,401	1,556	4,379	2,673	1,706	4,045	2,228	1,816
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	4,005	2,207	1,798	5,220	3,467	1,752	5,430	3,682	1,748	5,477	3,666	1,811	5,563	3,713	1,849	5,870	3,848	2,022	4,175	2,326	1,849
16:00	4,004	2,191	1,813	5,701	3,751	1,949	6,124	4,135	1,989	6,069	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	5,644	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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2,523	1,326	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,696	3,446	1,887	1,558
19:00	2,617	1,442	1,175	2,361	1,470	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]637	880	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,139	2,577	1,501	1,076
20:00	2,313	1,248	1,065	1,852	1,110	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]263	721	[illegible]	2,125	1,342	782	2,194	1,320	874	2,071	1,199	872
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	615	223	927	681	245	1,376	938	438	1,462	1,008	453
AADW	[illegible],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	[illegible]1	51	51	52	52	52	52	52	52	52	52	52	53	53	53	52	52	52	52	52	52

Site Layout



4.17 Annual WIM Distribution Report (AW01)

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 AW01 Report

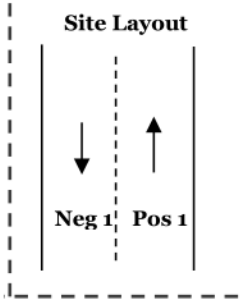
BC Ministry of Transportation and Infrastructure

Annual WIM Distribution for 2007

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

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

Site Layout



Site Names: W-16-15NS
County: Posted Speed = 80 kph
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

'Funct.' does not apply to BCMoT reports.

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 (MC01)

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

Osoyoos (WIM) September 2008 MC01 Report

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

'Funct.' does not apply to BCMoT reports.

British Columbia Ministry of Transportation

Monthly Class Distribution for September 2008

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

FHWA14 Bin Numbering

Southbound lane

Northbound lane

		Roadway		DIR	Neg 1	Pos 1
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	220	116	104	116	104
	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		
	Total	2,029	1,016	1,013		

Monthly average Single 5 Axle Trailers in Pos 1

Monthly average of Multi 7+ Axle Trailers in Pos 1

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 (MC01P)

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

152 Street February 2015 MC01P Report

BC Ministry of Transportation and Infrastructure

Monthly Class Distribution for February, 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	236 0.38%	159 0.47%	77 0.27%	0 5.14%	90 0.77%	66 0.42%	3 0.05%	1 0.02%	41 0.31%	35 0.41%
2	Pass.Veh.	39,535 63.57%	21,710 63.49%	17,826 63.68%	1 18.36%	6,892 58.77%	10,448 66.22%	4,369 65.33%	4,114 66.19%	8,964 67.00%	4,748 56.51%
3	PU/SUV	15,561 25.02%	8,482 24.80%	7,080 25.29%	1 30.55%	2,463 21.00%	4,139 26.23%	1,879 28.09%	1,707 27.47%	3,377 25.24%	1,996 23.76%
4	Bus	420 0.67%	236 0.69%	184 0.66%					57 0.92%	33 0.25%	94 1.12%
5	2Axle6Tire	3,719 5.98%	2,025 5.92%	1,694 6.05%					317 5.09%	737 5.51%	640 7.61%
6	SU 3 Axle	449 0.72%	271 0.79%	178 0.64%	0 2.06%	221 1.88%	35 0.25%	11 0.16%	8 0.12%	42 0.32%	128 1.53%
7	SU 4+ Axle	51 0.08%	32 0.09%	19 0.07%	0 0.00%	26 0.22%	6 0.04%	0 0.00%	0 0.01%	5 0.03%	14 0.17%
8	ST 4- Axle	201 0.32%	120 0.35%	81 0.29%	0 1.03%	92 0.78%	20 0.13%	8 0.12%	6 0.10%	15 0.11%	60 0.71%
9	ST 5 Axle	787 1.27%	446 1.31%	341 1.22%	0 2.06%	395 3.37%	50 0.32%	1 0.02%	2 0.04%	67 0.50%	272 3.24%
10	ST 6+ Axle	757 1.22%	458 1.34%	299 1.07%	0 1.03%	408 3.48%	50 0.32%	0 0.00%	1 0.02%	63 0.47%	234 2.79%
11	MT 5- Axle	27 0.04%	10 0.03%	17 0.06%	0 0.00%	9 0.08%	1 0.01%	0 0.00%	0 0.00%	3 0.02%	14 0.16%
12	MT 6 Axle	97 0.16%	48 0.14%	50 0.18%	0 0.00%	43 0.37%	4 0.03%	0 0.00%	0 0.00%	4 0.03%	46 0.55%
13	MT 7+ Axle	352 0.57%	201 0.59%	151 0.54%	0 2.06%	186 1.58%	15 0.10%	0 0.00%	1 0.01%	29 0.22%	121 1.44%
	Trucks	6,858 11.03%	3,846 11.25%	3,013 10.76%	2 45.95%	2,282 19.46%	1,125 7.13%	437 6.54%	392 6.32%	997 7.45%	1,623 19.32%
	Combo Trucks	2,220 3.57%	1,282 3.75%	938 3.35%	0 6.17%	1,132 9.65%	141 0.89%	10 0.15%	11 0.17%	180 1.34%	
	Classified	62,191 100.00%	34,196 100.00%	27,995 100.00%	4 100.00%	11,727 100.00%	15,777 100.00%	6,688 100.00%	6,215 100.00%	13,379 100.00%	
	Total	62,191 100.00%	34,196 100.00%	27,995 100.00%	4 100.00%	11,727 100.00%	15,777 100.00%	6,688 100.00%	6,215 100.00%	13,379 100.00%	
	N Days	28	28	28	28	28	28	28	28	28	

FHWA13 Bin Numbering

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

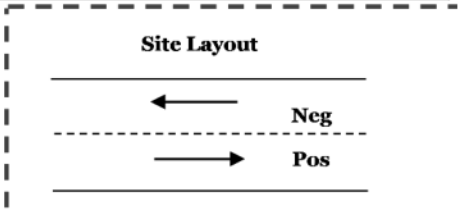
Neg 1

Pos 2 lane

Monthly average (341) and % monthly average (1.22%) of Single 5 Axle Trailers in Westbound direction.

Monthly average (186) and % monthly average (1.58%) of Multi 7+ Axle Trailers in Eastbound Lane 2

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 month used to create the 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

British Columbia Ministry of Transportation

Monthly Length 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

Southbound fast lane

Southbound right turn lane

Southbound slow lane

Northbound lane

Site Names: Oasis - P-32-2NS - N, P-32-2NS, 5152 - Oasis - 51520P - - -
County: Posted Speed = 90 kph
Funct.
Location: Route 22 Just North Of North Of Hanna Drive At First Avenue North Of

	Roadway	Neg DIR	Pos DIR	Neg 1	Neg 2	Neg 3	Pos 1
0.00-6.00	5,024	2,617	2,407	1,796	646	175	2,407
6.00-12.50	629	298	331	228	70	0	331
12.50-22.50	193	101	92	91	10	0	92
22.50-35.00	55	16	39	13	3	0	39
35.00-999.00	1	1	0	0	0	0	0
Total	5,901	3,032	2,869	2,128	730	175	2,869

10 is the MADT for vehicles between 12.5 and 22.5 metres in Neg2

Length Bins (metres)

Roadway MADT

Positive Direction MADT

Negative Direction MADT

Site Layout

Neg 1 Neg 2 Neg 3 Pos 1

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

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

'Funct.' does not apply to BCMoT

Westbound slow lane

Westbound fast lane

Eastbound fast lane

Eastbound slow lane

% of monthly average volume (196) for vehicles between 12.5 and 22.5 metres for Pos 2

Length Bins (metres)

Roadway MADT

Positive Direction MADT

Neg 1 MADT

British Columbia Ministry of Transportation

Monthly % Length Distribution September 2008

Site Names: Nicolum - P-17-6EW - N, P-17-6EW
County:
Funct.
Posted Speed = 90 kph
Location: Route 3 At The East End Of Nicolum Creek Bridge 4.3 Km East Of Route 5 East of Hope

	Roadway	Neg DIR	Pos DIR	Neg 1	Neg 2	Pos 2	Pos 1
0.00-6.00	72.5	72.1	73.0	70.1	80.7	83.1	71.4
6.00-12.50	16.3	16.3	16.2	16.8	14.2	12.6	16.8
12.50-22.50	8.6	8.9	8.2	10.1	3.8	3.5	8.9
22.50-35.00	2.6	2.6	2.6	2.9	1.3	0.[illegible]	2.9
35.00-999.00	0	0	0	0	0	0	0
Total	3,058	1,622	1,435	1,319	304	196	1,239

Site Layout

Neg 1
Neg 2
Pos 2
Pos 1

4.22 Monthly Length Distribution Report (ML01P)

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 ML01P Report

BC Ministry of Transportation and Infrastructure

Monthly Length Distribution forJanuary, 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

Pos 1

Neg

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	1,305
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%	.25%	2.85%
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

Negative Direction AADT

Positive Direction AADT

Site Layout

Neg

Pos

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 (MS01)

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 MS01 Report

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

'Funct.' does not apply to BCMoT reports.

Southbound fast Lane

Northbound fast lane

Speed Bins (km/h)

Southbound slow lane

Northbound slow lane

Monthly average volume for vehicles moving between 101 and 105 km/h in Pos 1

Percentage of volume above the indicated speed

Positive Direction MADT

Pos 2 MADT

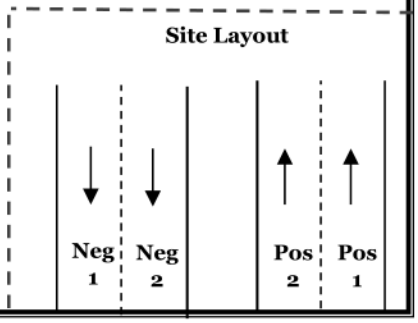
British Columbia Ministry of Transportation

Monthly Speed Distribution for September 2008

Site Names: Royal Oak - P-11-2NS - N, P-11-2NS
County: Posted Speed = 80 kph
Funct.: Urban Local System
Location: Route 17 0.5 Km North Of Quadra Street in Saanich

	Roadway	Neg DIR	Pos DIR	Neg 1	Neg 2	Pos 2	Pos 1
0-35	5	3	3	2	1	0	2
35.10-50	18	9	9	8	1	2	7
50.10-60	71	38	33	36	3	2	31
60.10-70	832	468	364	455	13	8	357
70.10-75	2,199	1,235	964	1,205	29	26	938
75.10-80	5,651	3,002	2,649	2,865	137	117	2,532
80.10-85	9,484	4,775	4,709	4,181	594	494	4,215
85.10-90	10,148	5,017	5,131	3,370	1,647	1,383	3,748
90.10-95	9,003	4,542	4,461	1,875	2,667	2,274	2,186
95.10-100	5,825	2,969	2,857	773	2,195	1,964	893
100.10-105	2,959	1,485	1,474	297	1,188	1,148	326
105.10-110	1,040	524	515	99	425	413	102
110.10-120	489	249	240	49	201	192	48
120.10-999.90	82	45	37	12	33	26	11
Average	89	89	89	84	96	96	85
Median	88	88	88	84	94	94	85
85th %tile	98	98	98	92	102	102	93
% over 55	100	100	100	100	100	100	100
% over 60	100	100	100	100	100	100	100
% over 65	98	98	98	97	100	100	97
% over 70	98	98	98	97	100	100	97
% over 75	93	93	94	89	99	100	91
% over 80	82	80	83	70	98	98	75
% over 85	62	61	63	43	91	92	48
Total	47,807	24,361	23,446	15,228	9,133	8,049	15,396

Site Layout



4.24 Monthly Speed Distribution Report (MS01P)

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 MS01P 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 .22%	18 .13%	36 .32%
60.1-70	[illegible]	[illegible]	[illegible]	1 18.62%	399 3.56%	29 .2%	4 [illegible]	44 [illegible]	63 [illegible]	290 2.54%
70.1-80	3,198 5.04%	1,366 4.26%	1,832 5.83%	1 24.56%	1,066 9.53%	261 1.77%	[illegible]	[illegible]	[illegible]	1,347 11.78%
80.1-85	3,594 5.66%	1,576 4.92%	2,018 6.42%	0 6.39%	1,040 9.3%	434 2.94%	102 1.68%	201 3.32%	471 3.37%	1,347 11.78%
85.1-90	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%
90.1-95	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%
95.1-100	10,616 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%	[illegible]	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 7.39%	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 .76%	47 .78%	42 .3%	13 .11%
Average	98	100	97	72	93	102	[illegible]	[illegible]	[illegible]	91
Median	[illegible]	[illegible]	[illegible]	60	94	102	[illegible]	[illegible]	[illegible]	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	[illegible]	[illegible]	[illegible]	33	[illegible]	100	100	[illegible]	[illegible]	[illegible]
% over 75	93	94	92	0	86	98	99	[illegible]	[illegible]	[illegible]
% over 80	93	94	92	0	86	98	99	[illegible]	[illegible]	[illegible]
% over 85	88	89	86	0	77	95	98	[illegible]	[illegible]	[illegible]
Total	63,490	32,038	31,452	3	11,183	14,755	6,097	[illegible]	[illegible]	[illegible]

Northbound slow lane

Southbound slow Lane

Monthly average volume for vehicles moving between 101 and 105 km/h in Neg 1

Percentage of volume above the indicated speed

Positive Direction MADT

Pos 2 MADT

Site Layout

Neg

Pos

4.25 Monthly Volume Calendar (MV02)

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 MV02 Report

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

'Funct.' does not apply to BCMoT reports.

British Columbia Ministry of Transportation

Monthly Volume Calendar

Site Names: Castlegar - P-32-1EW - N, P-32-1EW
County: Posted Speed = 100 kph
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

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

September 2008

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

Road
Neg DIR
Pos DIR

MADW
STD
DAF

MADW = Monthly Average Day of the Week Volume
e.g. Saturday
MADW = (2216, 2045, 2048, 1938) / 4 = 2062

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
Neg 1
Pos 1

4.26 Monthly Volume Calendar (MV01P)

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 MV01P Report

BC Ministry of Transportation and Infrastructure
Monthly Volume Calendar

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
MADT	63,738	32,165	31,573
MAWDT	68,875	34,783	34,091
MAWET	49,403	24,908	24,494
N DAYS	31		

January 2015

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	31	01	02	03
				41,154	56,288	50,834
				21,452	28,385	25,106
				19,702	27,903	25,728
04	05	06				10
36,477	61,789	67,942				55,085
18,445	31,031	34,007				27,469
18,032	30,758	33,935				27,616
11	12	13				17
45,166	67,778	70,815	[illegible]	[illegible]	[illegible]	56,016
22,917	34,160	35,805	34,843	36,405	37,662	27,951
22,249	33,618	35,010	36,063	35,811	36,995	28,065
18	19	20	21	22	23	24
44,440	70,184	71,055	73[illegible]			55,534
22,327	35,711	35,764	36[illegible]			27,684
22,113	34,473	35,291	36[illegible]			27,850
25	26	27	[illegible]			31
50,086	69,536	71,740	74,925	75,309	79,214	56,351
25,252	35,182	35,960	38,351	37,765	39,735	29,703
24,834	34,354	35,780	36,574	37,544	39,479	26,648
44,042	67,322	70,388	71,447	66,344	71,865	54,764
5,633	3,826	1,677	3,538	14,174	8,950	2,249
1.45	.95	.91	.89	.96	.89	1.16

Date
Road
E
W

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.

Site Layout

Neg

Pos

4.27 Monthly Hourly Volume Report (MV03)

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 MV03 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 Transportatio

Roadway, Monthly Hourly Volume for September 20

Site Names: P-63-1NS
County:
Funct.
Factor Type: Seasonal
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:
Growth Factor Group: Seasonal

See "Factor Groups" in Glossary

	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	301	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	319					172	99	5315
05	50	26	27	421	479	474	48					201	144	6266
06	92	56	35	423	403	402	372	303	392	335	293	304	222	6884
07	158	85	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 displaued on separate pages in MVO3 Reports

Daily Traffic Volume Totals

4.28 Monthly Hourly Volume Report (MV03P)

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 MV03P Report

BC Ministry of Transportation and Infrastructure

Road, Monthly Hourly Volume for January 2015

Site names: 152 Street P-16-22EW - NY

Seasonal Factor Grp: Consistent
Daily Factor Grp: Consistent

See "Factor Groups" in Glossary

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

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.

	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	1,060	2,199	2,940	2,876	3,030	3,496	3,719	3,911	3,899	4,085	4,677	4,588	3,964	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	2,39[illegible]	2,973	3,472	3,716	3,737	3,845	4,128	4,198	3,998	2,982	2,215	1,684	1,721	2,043	1,22[illegible]	50,834
04	736	474	331	217	173	33[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3,086	2,908	3,060	2,752	2,619	1,963	1,704	1,412	1,096	831	490	36,477
05	281	211	149	178	438	1,9[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3,254	3,729	5,084	5,941	5,111	2,762	1,693	1,450	1,255	862	563	61,789
06	305	223	159	181	469	1,9[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3,441	4,219	5,352	6,125	6,125	3,296	1,968	1,575	1,528	1,613	662	67,942
07	385	243	186	189	456	1,8[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3,418	4,205	5,541	6,389	5,740	3,371	2,123	1,760	1,652	1,154	660	66,749
08	368	236	202	211	464	2,0[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3,740	4,484	5,751	6,528	6,143	3,344	2,287	1,697	1,782	1,716	806	72,078
09	410	259	210	224	439	1,874	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3,930	4,835	6,103	6,747	5,702	3,971	2,702	1,791	1,683	1,640	1,09[illegible]	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	1,29[illegible]	55,085
11	858	502	304	255	215	333	640	1,002	1,503	2,360	2,890	3,225	3,679	3,702	3,581	3,646	3,668	3,357	2,481	2,128	1,889	1,441	922	585	45,166
12	311	195	145	193	471	2,072	5,103	5,718	4,755	3,681	3,563	3,258	3,359	3,505	4,140	5,551	6,206	5,691	3,190	2,057	1,476	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	1,27[illegible]	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	70[illegible]	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	1,32[illegible]	74,657
17	805	503	347	262	293	563	1,215	1,819	2,661	3,065	3,427	3,649	4,128	3,923	3,976	4,143	4,261	4,265	3,391	2,458	1,861	1,977	1,704	1,32[illegible]	56,016
18	890	495	302	244	223	367	728	1,065	1,472	2,257	2,946	3,354	3,551	3,334	3,367	3,381	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	5,969	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	668	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	77[illegible]	73,207
22	444	260	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	77[illegible]	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	1,15[illegible]	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	1,35[illegible]	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	3,628	2,893	2,432	2,095	1,591	1,025	61[illegible]	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	65[illegible]	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	68[illegible]	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	75[illegible]	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	6,268	4,049	2,433	2,017	1,999	1,386	82[illegible]	75,309
30	526	307	192	266	528	2,005	4,928	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	1,19[illegible]	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	4,465	3,496	2,260	1,766	2,078	1,845	1,22[illegible]	56,351

Day of the Month

Daily Traffic Volume Totals

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

Site Layout

← Neg

→ Pos

4.29 Monthly Hourly Day of Week Summary Report (MV04)

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

Anahim September 2008 MV04 Report

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

British Columbia Ministry of Transportation

Monthly Hourly Day of Week Summary for September 2008

Site Layout

Neg 1

Pos 1

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

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

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

'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	1	0	0	0	0	0	0	0	0	1	0	1	1	1	0
1:00	1	0	1	1	0	1	1	0	1	0	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	1	1	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
19:00	6	3	3	10	4	5	7	5	2	6	3	2	6	2	4	10	7	3	10	4	6
20:00	8	5	4	7	4	2	5	2	3	5	3	2	7	4	3	6	3	3	5	1	4
21:00	4	3	1	4	3	2	3	2	1	4	3	1	3	2	1	4	2	2	6	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
23:00	1	1	0	1	1	0	1	1	0	1	0	0	2	1	1	2	1	1	1	1	0
MADW	180	91	90	218	107	111	188	92	96	193	96	97	189	95	94	203	103	101	170	82	88
NDAYS	4	4	4	5	5	5	5	5	5	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 (MV04P)

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

152 Street January 2015 MV04P Report

BC Ministry of Transportation and Infrastructure

Monthly Hourly Day of Week Summary for January 2015

Site names: 152 Street P-16-22EW - NY

Seasonal Factor Grp: Consistent
Daily Factor Grp: Consistent

See "Factor Groups" in Glossary

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

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

	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	148	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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83	313	189	123	185	112	72	312	194	118
03:00	241	150	90	184	77	107	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	111	273	152	120	217	104	113	246	146	99
04:00	217	116	101	450	125	324	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	346	437	157	280	449	130	318	262	123	138
05:00	336	148	188	2,054	426	1,627	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	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	1,964
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	3,44[illegible]	[illegible]	[illegible]	[illegible]	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	3,54[illegible]	[illegible]	[illegible]	[illegible]	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	3,52[illegible]	[illegible]	[illegible]	[illegible]	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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2,466	1,530	936	2,274	1,330	944	2,645	1,478	1,166	2,312	1,183	1,129
20:00	1,814	896	918	1,535	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	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	44,042	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

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

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

BC Ministry of Transportation and Infrastructure

Monthly WIM Distribution for 09/2008

Site Names: W-23-2EW
County: Factor Type: Highly Seasonal
Funct.: Rural Principal Arterial - Other
Location: Route 16 Just East Of Tete Jaune Cache I/C

'Funct.' does not apply to BCMoT reports.

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

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

Site Layout: Neg 1 ←, Pos 2 →, Pos 1 →

		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	21	56	40	12	26	288	232	2	14	181	0
	Flex	0.00	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	0.00	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	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	0	14	29	20	6	13	138	116	1	7	90	0
	Flex	0.00	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	0.00	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	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	0	7	26	19	6	13	150	116	1	7	91	0
	Flex	0.00	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	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	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	0	14	29	20	6	13	138	116	1	7	90	0
	Flex	0.00	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	0.00	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	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	0	7	21	15	5	8	124	101	1	4	64	0
	Flex	0.00	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	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	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	0	1	5	4	1	5	26	15	0	3	27	
	Flex	0.00	0.00	0.00	2.43	0.24	0.29	1.29	0.57	0.62	1.28	0.00	0.44	2.13	
	Rigid	0.00	0.00	0.00	3.60	0.27	0.39	1.61	0.59	0.98	2.46	0.00	0.55	4.03	
	GVW	0.0	0.0	0.0	75.2	16.4	25.5	47.3	24.3	46.9	69.4	0.0	54.5	93.5	

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 (DC01)

This report provides daily volumes by weight class.

Pacific Crossing (WIM) October 10th, 2008 DC01 Report

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

See "Factor Groups" in Glossary

British Columbia Ministry of Transportation

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

'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.

Site Names: W-65-1NS
County: Posted Speed = 70 kph
Funct. Urban Principal Arterial - Other F
Location: Route 15 0.5 Km South Of 8 Aven

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

		Roadway	Neg DIR	Pos DIR	Neg 1	Neg 2	Neg 3	Pos 2	Pos 1
1	Motorcycle	14	8	6	3	2	3	4	2
2	Pass.Veh.	10,182	4,825	5,357	291	1,665	2,869	3,679	1,678
3	PU/SUV	1,975	1,031	944	374	312	345	592	352
4	Bus	42	18	24	0	18	0	14	10
5	2Axle6Tire	175	85	90	29	35	21	45	45
6	SU 3 Axle	133	58	75	25	27	6	22	53
7	SU 4+ Axle	5	3	2	1	1	1	1	1
8	ST 4- Axle	37	20	17	5	9	6	10	7
9	ST 5 Axle	677	172	505	60	109	3	294	211
10	ST 6+ Axle	360	136	224	63	72	1	146	78
11	MT 5- Axle	26	12	14	2	8	2	10	4
12	MT 6 Axle	65	49	16	41	8	0	6	10
13	MT 7+ Axle	141	54	87	32	22	0	48	39
	UNCL	1,380	838	542	145	573	120	162	380
	Trucks	1,661	607	1,054	258	309	40	596	458
	Combo Trucks	1,306	443	863	203	228	12	514	349
	Classified	13,832	6,471	7,361	926	2,288	3,257	4,871	2,490
	% Unclass	0.09	0.11	0.07	0.14	0.20	0.04	0.03	0.13
	Total	15,212	7,309	7,903	1,071	2,861	3,377	5,033	2,870

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

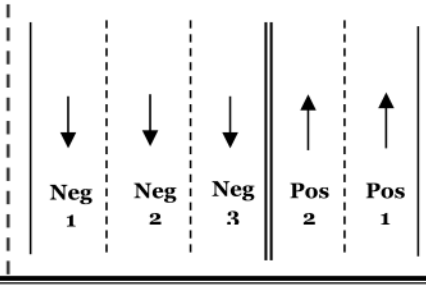
Total daily volume of single trailers with 5 axles in Pos 1

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

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
Classiffied = 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

FCO = Functional Class (not used by BCMoT)

British Columbia Ministry of Transportation

24 Hour Roadway Summary for November 13, 2007

Average daily volume for the count's duration

Percent of daily volume

Average peak hour volume

Percent of peak hour volume

Duke Point I/C - 12-075NS

FC0 DIST 516

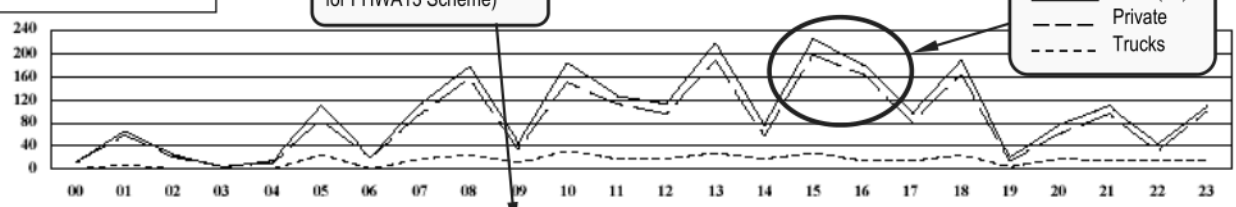
Route 19 0.4 Km South Of Maughn Road and 2.14 Km South Of The Duke

	Total	Total	Peak	Peak
Private:	2,004.5	85.4	197.5	87.4
Single:	187.5	8.0	17.0	7.5
Combo:	156.5	6.7	11.5	5.1
Trucks:	344.0	14.6	28.5	12.6
Total:	2,348.5		226.0	

Grouped Class Bins
Private (car) = Bins 1 - 3
Single (bus/single unit truck) = Bins 4 - 7
Combo (4+ axles) = Bins 8 - 13
Trucks = Single + Combo
Total = Sum of All Bins (Private + Single + Combo)

Peak Hour: 15
Axle Factor:

Class Bins (See Table 1 for FHWA13 Scheme)



	1	2	3	4	5	6	7	8	9	10	11	12	13
0	0	6.0	4.0	0	0	0	0	0	0	1.0	0	0	0
1	2.5	47.5	8.5	0.5	3.0	1.0	0	0	0.5	0	0	0	1.0
2	0	16.5	4.5	0	1.0	0.5	0	[illegible]	[illegible]	0	0	0	0.5
15	1.5	153.5	42.5	1.0	12.0	4.0	0	[illegible]	[illegible]	[illegible]	0	0	3.0
16	4.0	119.0	42.0	0.5	5.5	1.5	0	[illegible]	[illegible]	[illegible]	0	0	4.5
17	0	56.5	24.0	0.5	7.0	1.5	0	[illegible]	[illegible]	[illegible]	0	0	2.0
18	3.0	133.5	26.0	1.0	7.0	4.5	0	[illegible]	[illegible]	[illegible]	0	1.0	5.0
19	0	12.0	3.5	0	2.0	0	0	0	1.0	1.0	0	0	1.5
20	2.0	47.0	13.0	0	3.0	0.5	0	1.0	2.0	3.5	0	0.5	6.0
21	6.5	72.0	18.0	0	6.0	2.5	0	1.0	2.0	0	0	0	2.0
22	0.5	27.0	5.0	0.5	1.5	3.5	0	0	2.5	2.0	0	0	2.5
23	5.0	75.0	17.5	0	5.0	2.5	0	2.0	1.0	0.5	0	0	1.5
Total	**38.5**	**1,487.5**	**478.5**	**12.0**	**134.5**	**40.5**	**0.5**	**13.0**	**46.5**	**32.5**	**0**	**1.5**	**63.0**
%	**1.6**	**63.3**	**20.4**	**0.5**	**5.7**	**1.7**	**0.0**	**0.6**	**2.0**	**1.4**	**0.0**	**0.1**	**2.7**

Represents the average volume for Bin 6 between 22:00 and 23:00 for the duration of the count (2 days for this site)

Sum = 2348.5
Sum = 100%

4.34 Daily 24-Hour Roadway Summary Report (DC05B)

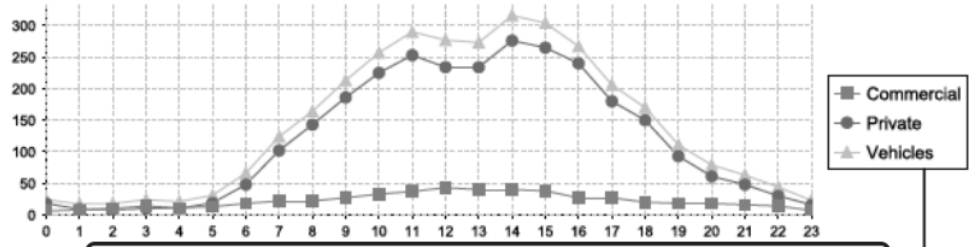
This report provides a volume/class breakdown for short count sites where class data is available (collected with hoses). The report displays the 24-hour averages over the duration of the count (i.e. if the count was 3 days, each bin hour is the average of 3 hourly volumes). The data displayed is not 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

BC Ministry of Transportation and Infrastructure
24 Hour Average Roadway Summary for October 27, 2016

Site names: Greenwood 33-016EW - NY
Seasonal Factor Grp: Season:
Daily Factor Grp: Seasonal

Location: Route 3, just west of Wellington Street, Greenwood



	VOL	MC	CAR	PU	BUS	2D	SU 3	SU 4+	SU 4-	ST 5	ST 6+	MT 5-	MT 6	MT 7+
00	23.67	0.67	11.33	6	0.33	0.33	0	0	0	2	1.67	0	0.67	0.67
01	17	0.33	7.33	1.67	0.33	0	0.67	2	0.33	0.67	1.67	0	0	2
02	17.67	0.33	4.33	3.33	0	0	1	0.67	0.33	4.33	1	0	0	2.33
03	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	1.67	0	5	2.67	0	0.33	3
04	20.67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	0	0.33	4	2.33	0	0	3.67
05	31.33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	1	0.33	1.67	3	0	0	4.67
06	66.33	1.33	24.33	22.33	0.33	1.67	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
07	124	2.67	55.67	44	0.33	0.67	1.67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
08	164.33	2.67	91.67	48.33	0	2.67	2.67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09	213	1	125.67	59.67	0.33	2	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	257.25	4.5	149.25	70.75	1.25	3	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	290	6.33	173	74	0.67	4.67	1.33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	276.67	3.33	150.33	80	0.67	3	5.67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	273.33	4	148.67	81	1.33	4	4.33	2.33	1.67	6.33	9.67	0.67	0	9.33
14	316.33	4	177.67	94.33	1.33	4	2.67	2.33	0.67	4.67	13.67	0.33	0.67	10
15	303.67	4.67	180	80.67	1	4	2.33	3	2.67	3.67	11.33	0	0.33	10
16	267	2.33	144	93.33	0.33	2.33	1.67	1.33	2	6	6.33	[illegible]	[illegible]	[illegible]
17	206.33	2.67	115	62	0.67	3	2	1	1.67	3.33	7.67	[illegible]	[illegible]	[illegible]
18	169.67	1.67	99	49.33	0.67	2	0.33	0.67	0.33	5.67	4.67	[illegible]	[illegible]	[illegible]
19	111	0.67	58.33	33.67	0	1	0.67	0.67	1	5.33	3.33	[illegible]	[illegible]	[illegible]
20	79	1	38.67	21	0	2	0.67	0	1	6.33	4.67	[illegible]	[illegible]	[illegible]
21	63.33	1.67	32.33	13.67	0	0.67	0	0.33	0.67	5	5	0	0	4
22	44.33	1.33	20.67	8	0	0.33	0.33	0	0	5.33	3	0	0	5.33
23	23	0.33	9.33	6	0	1.67	0.33	0	0	2.33	1.67	0	0	1.33
Total	3362.92	50.83	1833.92	970.42	10.58	45.33	36.33	34.75	21.25	106.92	122.42	2.83	7.67	140.67
%	100	1.5	54.2	28.7	0.3	1.3	1	1	0.6	3.2	3.6	0.1	0.2	4.2

Class Bins (See Table 1 for FHWA13 Scheme)

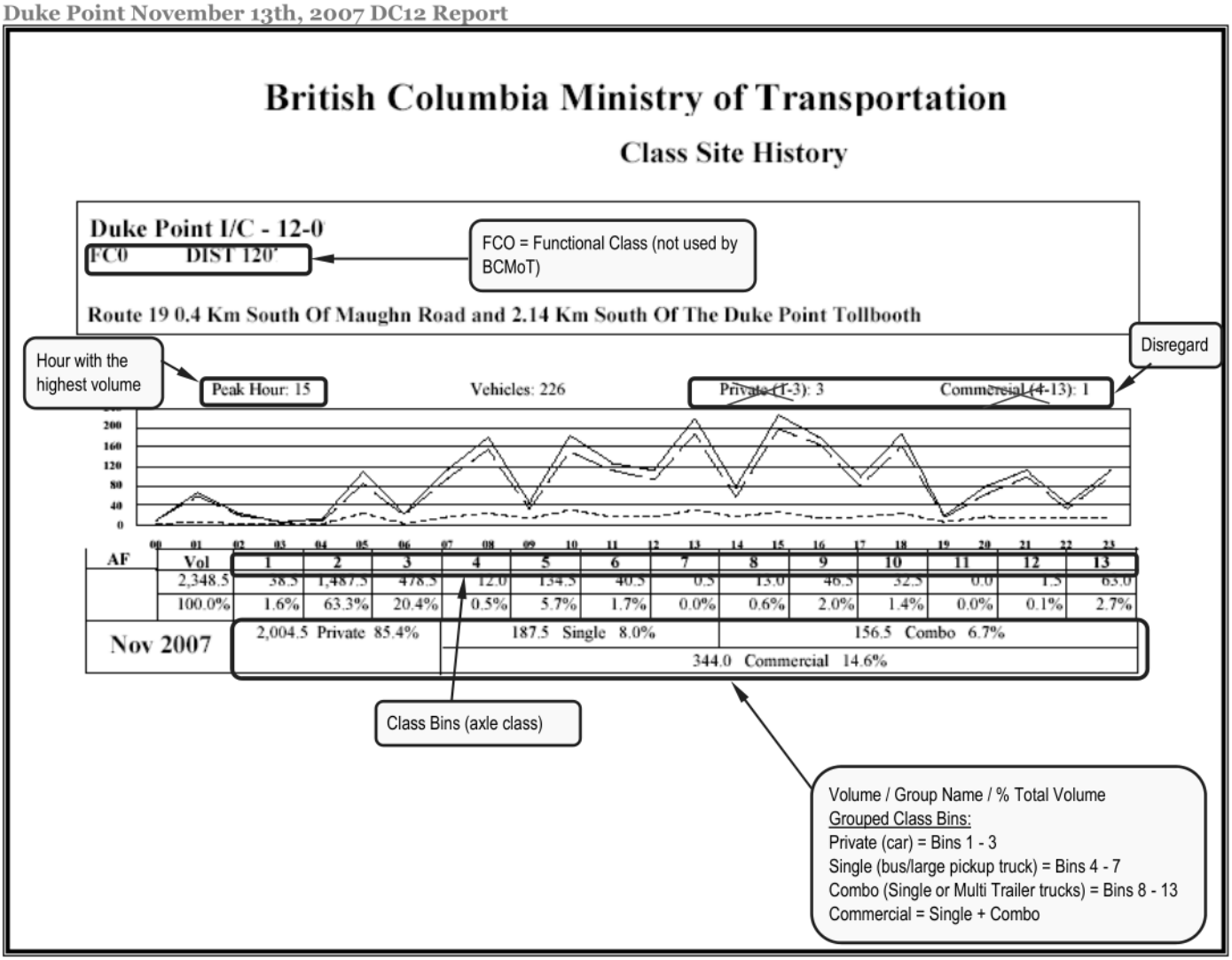
Grouped Class Bins:
Private (car) = Bins 1 to 3
Single (bus/large pickup truck) = Bins 4 to 7
Combo (Single or Multi Trailer trucks) = Bins 8 to 13
Commercial = Single + Combo
Vehicles = Bins 1 to 13

Represents the average volume for Bin 6 between 22:00 and 23:00 for the duration of the count

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 (DC06B)

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.

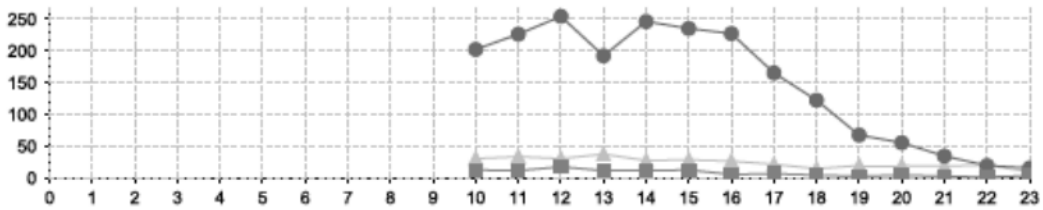
Greenwood October 26th-27th, 2016 DC06B Report

BC Ministry of Transportation and Infrastructure
Class Site History

Site names: Greenwood 33-016EW - NY
Seasonal Factor Grp: Seasonal
Daily Factor Grp: Seasonal

Location: Route 3, just west of Wellington Street, Greenwood

10/26/2016



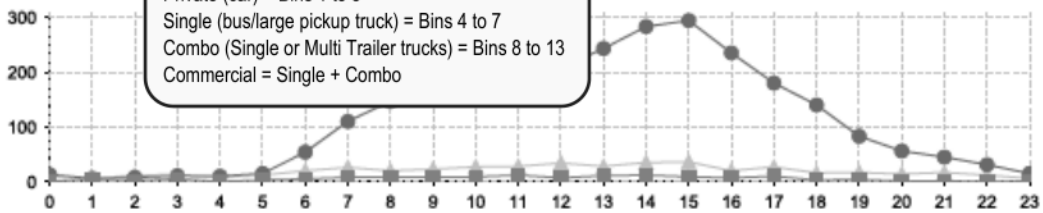
VOL	MC	CAR	PU	BUS	2D	SU 3	SU 4+	SU 4-	ST 5	ST 6+	MT 5-	MT 6	MT 7+
2,491 100.0%	49 2.0%	1,303 52.3%	707 28.4%	6 .2%	46 1.8%	25 1.0%	24 1.0%	13 .5%	87 3.5%	108 4.3%	3 .1%	5 .2%	115 4.6%

2,059 Private 82.7%	101 Single 4.1%	331 Combo 13.3%	432 Commercial 17.3%

Class Bins (axle class)

10/27/2016

Grouped Class Bins:
Private (car) = Bins 1 to 3
Single (bus/large pickup truck) = Bins 4 to 7
Combo (Single or Multi Trailer trucks) = Bins 8 to 13
Commercial = Single + Combo



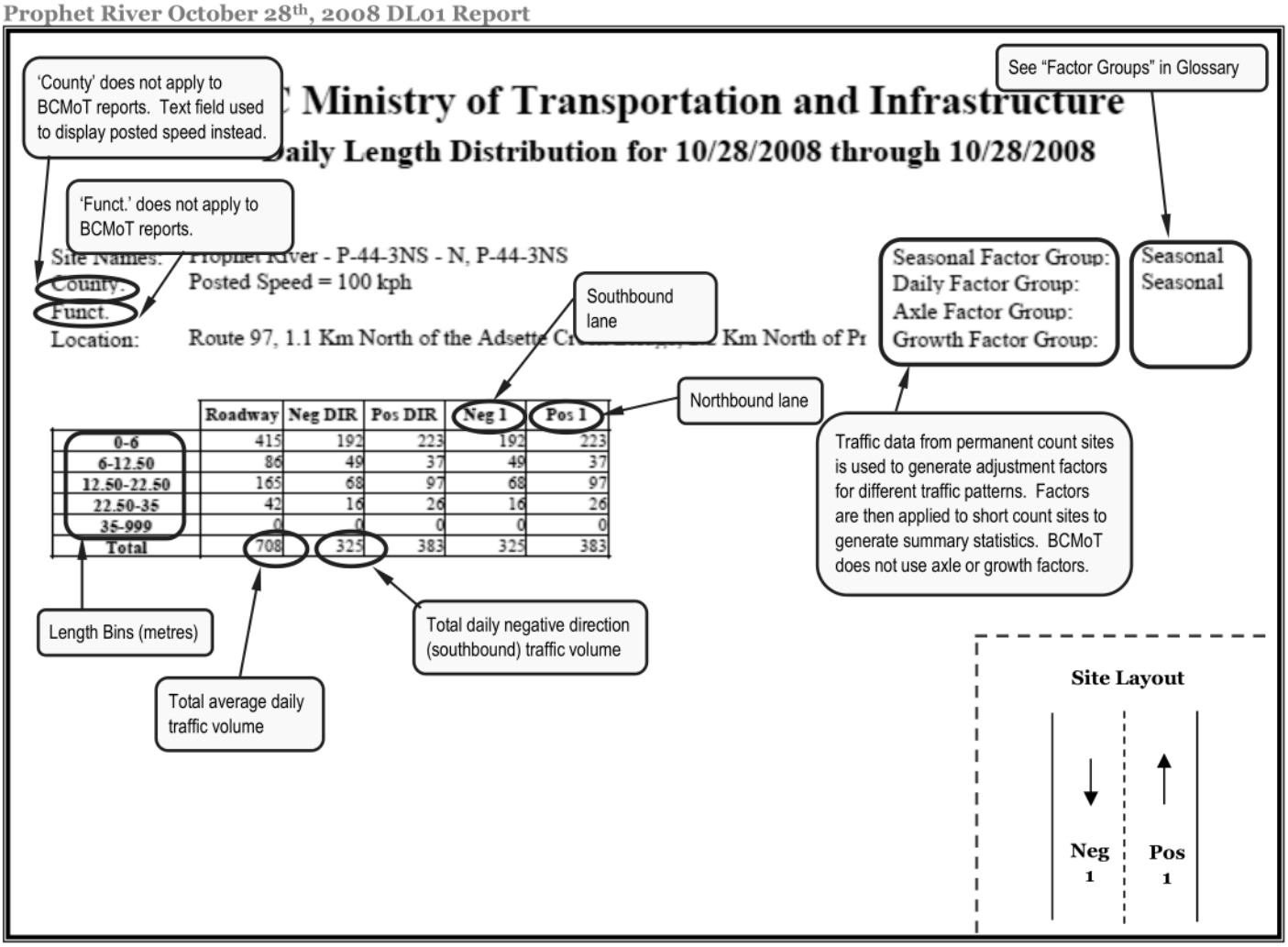
VOL	MC	CAR	PU	BUS	2D	SU 3	SU 4+	SU 4-	ST 5	ST 6+	MT 5-	MT 6	MT 7+
3,425 100.0%	52 1.5%	1,886 55.1%	890 26.0%	14 .4%	41 1.2%	40 1.2%	38 1.1%	24 .7%	115 3.4%	150 4.4%	4 .1%	8 .2%	163 4.8%

2,828 Private 82.6%	133 Single 3.9%	464 Combo 13.5%	597 Commercial 17.4%

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



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

4.38 Daily Speed Distribution Report (DS01)

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

Armstrong October 28th, 2008 DS01 Report

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

See "Factor Groups" in Glossary

British Columbia Ministry of Transportation

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

'Funct.' does not apply to BCMoT reports.

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

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

Speed Bins (km/h)

Southbound Lane

Northbound Lane

	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

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

British Columbia Ministry of Transportation

Daily Volume Summary

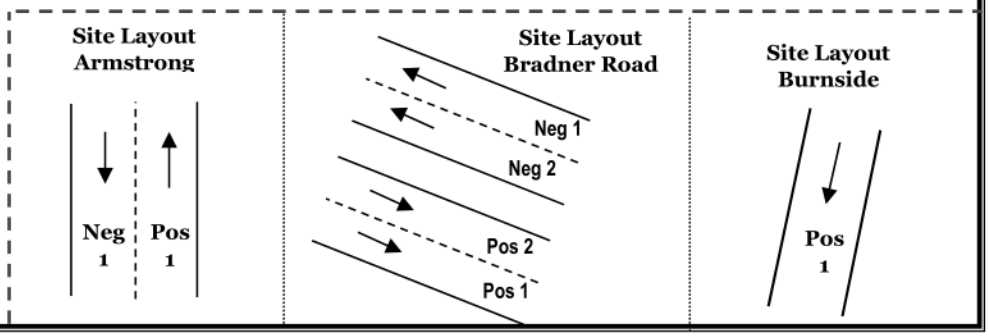
Date (range can be queried)

South / Westbound Lanes

North / Eastbound Lanes

			Roadway	Neg Dir	Pos Dir	Neg 1	Neg 2	Pos 2	Pos 1
Armstrong - P-24-1NS - N	09/01/2008	cont.	12,812	5,972	6,840	5,972			6,840
	09/02/2008	cont.	12,349	5,968	6,381	5,968			6,381
	09/03/2008	cont.	11,461	5,742	5,719	5,742			5,719
	09/04/2008	cont.	11,904	5,962	5,942	5,962			5,942
	09/05/2008	cont.	12,872	6,384	6,488	6,384			6,488
Bradner Road - P-17-4EW - N	09/01/2008	cont.	63,300	36,674	26,626	16,294	20,380	13,041	13,585
	09/02/2008	cont.	73,554	37,330	36,224	16,392	20,938	20,058	16,166
	09/03/2008	cont.	73,509	36,810	36,699	15,996	20,814	20,449	16,250
	09/04/2008	cont.	75,733	37,826	37,907	16,273	21,553	21,195	16,712
	09/05/2008	cont.	81,368	39,717	41,651	16,909	22,808	23,827	17,824
Burnside - P-11-55 - P	09/01/2008	cont.	7,629		7,629				7,629
	09/02/2008	cont.	10,706		10,706				10,706
	09/03/2008	cont.	10,862		10,862				10,862
	09/04/2008	cont.	11,193		11,193				11,193
	09/05/2008	cont.	11,560		11,560				11,560

Sites (single or multiple sites can be queried)



4.40 Daily Volume Summary Report (DV01RE)

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 DV01RE Report

BC Ministry of Transportation and Infrastructure

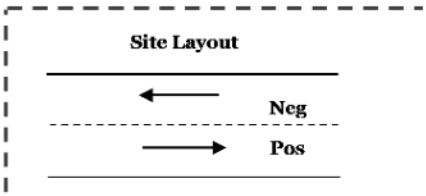
Daily Volume Summary

			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	15,639	12,826
	01/07/2015	Continuous	66,749	34,465	[illegible]	[illegible]	[illegible]	16,481	[illegible]	[illegible]	[illegible]	12,658
	01/08/2015	Continuous	72,078	36,178	[illegible]	[illegible]	[illegible]	17,422	[illegible]	[illegible]	[illegible]	12,960
	01/09/2015	Continuous	73,811	37,313	36,498	7	12,723	17,610	6,973	6,606	16,825	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

Eastbound Lanes

Westbound Lanes

Date Range



4.41 Daily Volume Report (DV03)

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 DV03 Report

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

See "Factor Groups" in Glossary

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

'Funct.' does not apply to BCMoT reports.

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

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

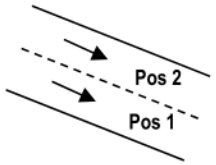
	10/26/2008			10/27/2008			10/28/2008			10/29/2008			10/30/2008			10/31/2008			11/01/2008		
	Road	Neg	Pos	Road	Neg	Pos	Road	Neg	Pos	Road	Neg	Pos	Road	Neg	Pos	Road	Neg	Pos	Road	Neg	Pos
00:00	104		104	52		52	31		31	41		41	38		38						
01:00	46		46	39		39	38		38	31		31	20		20						
14:00	1,075		1,075	723		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	11,635		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	0.9								
AM Peak Hr	11:00		11:00	6:45		6:45	6:30		6:30	6:45		6:45	6:3								
PM Peak Vol	1,261		1,261	832		832	766		766	791		791	74								
PM Peak Fct	0.94		0.94	0.94		0.94	0.92		0.92	0.95		0.95	0.9								
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						

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.

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)

Site Layout



No negative direction traffic for this site

AADT = Annual Average Daily Traffic

ROAD AADT 12,211 NEG AADT 0 POS AADT 12,211 DV03: Page 1 of 1

4.42 Daily Short Count Volume Report (DV03S)

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

'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 Volume from 07/16/2007 through 07/19/2007

Site Names: Paul Lake Road - 21-002NS - N, 21-002NS
County: Posted Speed = 80 kph
Funct.
Location: Route 5 0.4 Km North Of Paul Lake Road In Kamloops

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

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

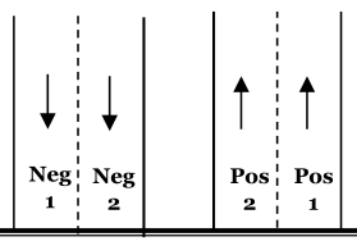
Traffic data from permanent count sites is used to generate adjustment factors for different traffic patterns. Factors are then applied to short count sites to generate summary statistics. BCMoT does not use axle or growth factors.

	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	63	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	135									
23:00				155	76	79	181	78	103	136	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

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.

Site Layout



AADT = Annual Average Daily Traffic

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

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

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	49									
08:00							144	76	68	147	88	59									
09:00							188	94	94	193	126	67									
10:00							219	129	90	240	128	112									
11:00							252	169	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	99	128	220	116	104									
16:00				228	99	129	199	97	102	198	95	103									
17:00				198	72	126	175	79	96	174	79	95									
18:00				145	63	82	131	50	81	132	61	71									
19:00				125	53	72	99	44	55	110	46	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	23	4	19	40	20	20									
23:00				25	9	16	27	10	17	24	10	14									
Total				1,444	588	856	2,871	1,466	1,405	2,978	1,561	1,417									
AM Peak Vol				0	0	0	252	169	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	.939	.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

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

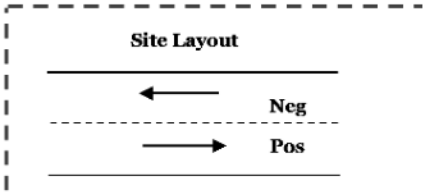
Traffic data from permanent count sites is used to generate adjustment factors for different traffic patterns. Factors are then applied to short count sites to generate summary statistics.

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



Ministry of Transportation and Infrastructure

4.44 Daily WIM Distribution (DW01)

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 DW01 Report

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

'Funct.' does not apply to BCMoT reports.

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

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

BC Ministry of Transportation and Infrastructure

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

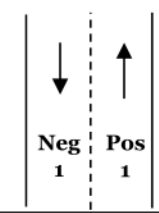
Site Names: W-17-7NS
County: Posted Speed = 50 kph
Funct.: Urban Principal Arterial - Other Freeways
Location: Route 11 0.8 Km South Of Vye Road in Abbotsford

		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

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.

Site Layout



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

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

o---oo
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

o---o----------o---o---oo
9.9 **44.8** 42.8 **GVW: 97.5**

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

o--o----------o--oo
9.5**35.5** 20.0 GVW: 65.0

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

o----------oo
7.2 **20.7**13.5 GVW: 41.4

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

o---oo
22.318.7 GVW: 41.0

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

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

Overweight Vehicle Violations

Station: Osoyoos (WIM) 97 in Posted Speed = 80 kph

Start Datetime: 11/28/2007 0:00 **End Datetime: 11/29/2007 0:00**

	Gross Weight Violations						Bridge and Axle						Total Vehicles					
Hour	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	1	1	1	3
2	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

Total Violations over the 24-hour period

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)

5 APPENDIX A - Figures

5.1 Roadway Configurations

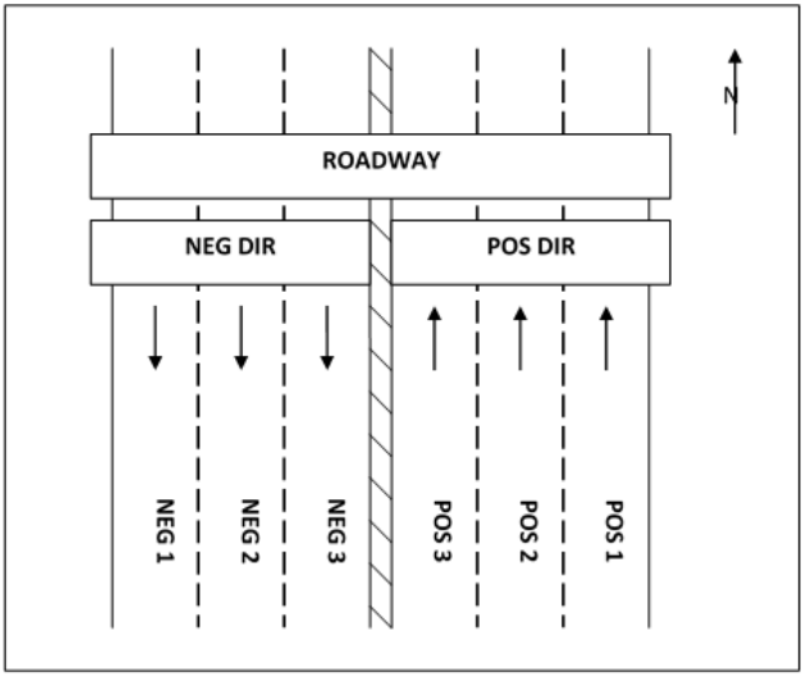


Figure 3: Roadway Configuration where the traffic measurement site covers both directions of travel

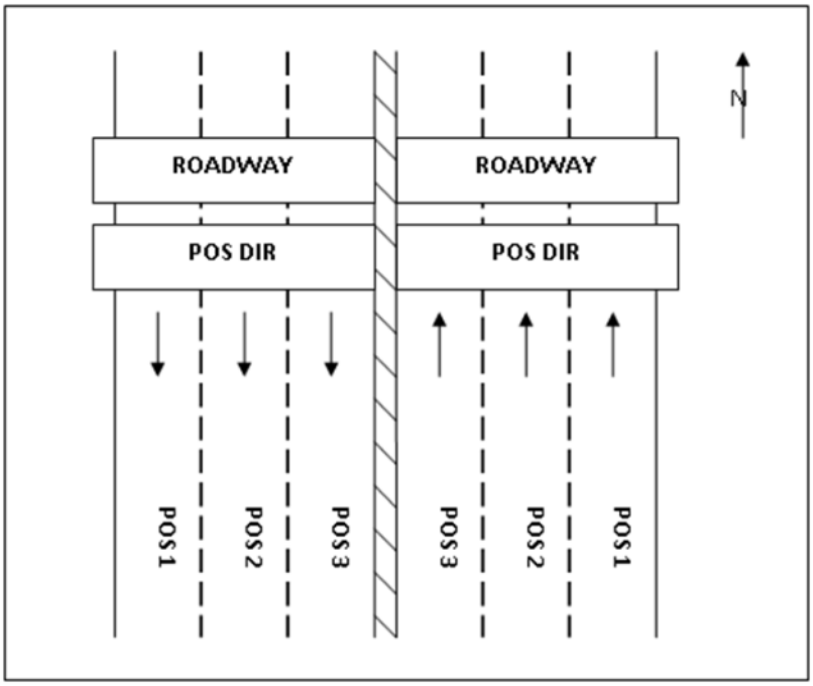
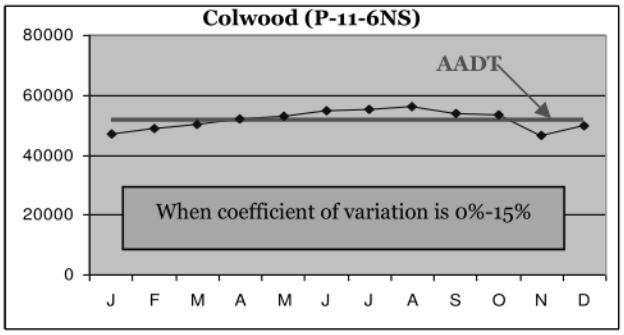


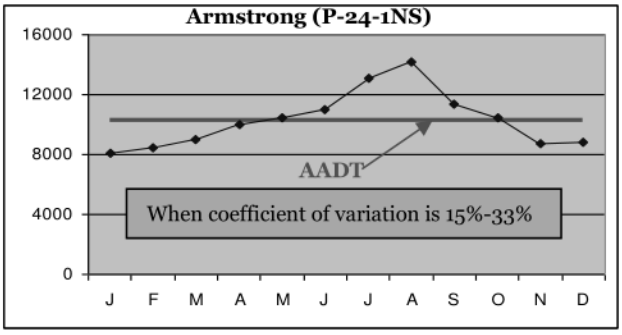
Figure 4: Roadway Configuration where traffic measurement site covers each direction of travel separately

5.2 Factor Groups



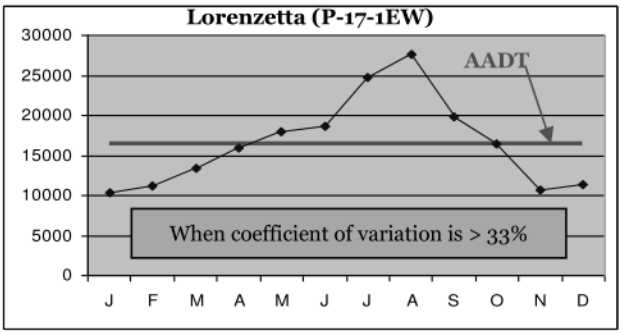
Consistent Factor Group

- Traffic volumes are consistent throughout the year;
- High proportions of commuter traffic predominate at the site;
- Traffic volumes tend to be higher on weekdays than weekend days;
- Significant peaking in traffic volumes in the morning and evening during the week;
- Common in and adjacent to urban areas.



Seasonal Factor Group

- Traffic volumes tend to increase in the summer months;
- Characterized by low to moderate proportions of commuter traffic and increasing pass-through and recreational traffic;
- Some peaking in traffic volumes in the morning and evening during the week but does not predominate;
- Common in rural areas.



Highly Seasonal Factor Group

- Traffic volumes are highly variable over the course of the year, with summer volumes typically well over 2.5x winter levels;
- Characterized by substantially higher proportions of recreational and pass-through traffic in the summer;
- Traffic volumes can be higher on weekend days than weekdays;
- Common near summer recreational areas and on tourist routes.

Figure 5: Factor Groups