

TO: CITY MANAGER

**FROM: OFFICER IN CHARGE
BURNABY DETACHMENT RCMP**

**2001 JULY 18
BBY 265-7-3**

SUBJECT: PHOTO RADAR OPERATIONS - CITY OF BURNABY

PURPOSE: To respond to Council's request for report.

RECOMMENDATION:

THAT Council receive the attached report for information purposes.

REPORT

The Traffic and Transportation Committee (Traffic Safety Division) , at its meeting held on 1996 June 04, received a status report on the proposed implementation of the photo radar program from S/Sgt. Terry Dixon, NCO in Charge Burnaby RCMP Traffic Section. Following a discussion which indicated strong support for this traffic safety initiative, the Committee requested that Council reaffirm endorsement of the photo radar initiative and authorize Chairman Young to write the relevant authorities affirming community support for the program at identified high collision locations. Photo radar operations commenced, in keeping with the program guidelines, in August of 1996. Services were provided by the Regional Integrated Traffic Camera Unit (RITCU).

Burnaby RCMP Traffic Section continues to conduct a semi-annual review of all collisions, both self reported and police attended, within the City with the view of identifying high collision locations. The semi-annual reviews consider such analysis components as, day of the week, time of day, and primary causal factors. The ongoing countermeasures strategy of the RCMP Traffic Section is to focus enforcement, engineering, and public information activities at these locations where and when collisions are occurring. The enforcement is focussed at the primary causal factors.

A review of collisions within the City confirms our collision pattern is consistent with many urban environments to the extent that the overwhelming majority of collisions occur at intersections. The review indicates that between 75% and 90% of all collisions do, in fact, occur at or within the immediate proximity of an intersection; although not specifically within the confines of the intersection, within the box so to speak. A significant number of these collisions are either rear end collisions or collisions arising from disobeying traffic control devices at the intersection - both of these collisions scenarios involve a speed component.

As a component of our countermeasures strategy, photo radar operations were deployed in the first or second block in advance of the high collision location. The objective was to decrease the average speed of vehicles as they approached the high collision intersection. The deployment of photo radar in Burnaby was conducted as an adjunct to public information campaigns, the examination of relevant engineering issues, and the conduct of targeted police enforcement operations.

Graphs (which are available through the City Clerk's Office) reflect specific location activity as a percentage of total vehicles checked. Vehicles travelling in excess of the speed limit are denoted by the red line. Vehicles travelling in excess of the threshold speed are denoted by the blue line. The threshold speed is identified by the 85th percentile speed which can be no lower than eleven (11) kilometres per hour in excess of the posted speed limit, plus one (1) kilometre per hour.

Ongoing analysis confirms a reduction in collision frequency was achieved at locations where photo radar was deployed. At many of these locations collision reduction was significant; well in excess of documented percentile mean speed reductions. Notwithstanding, I cannot derive direct linkages to collision reductions and the deployment of photo radar to the exclusion of other traffic safety initiatives.

Notwithstanding the foregoing, our operations were hindered by the Regional Integrated Traffic Camera Unit's (RITCU's) inability to provide sufficient resources in a timely manner to meet our needs. Furthermore, the RITCU was unable to commission new/additional operational sites in a timely manner which frequently resulted in our operations proceeding in the absence of photo radar.

Nevertheless, I remain firmly convinced photo radar can be an effective public safety tool when deployed in combination with other harm reduction strategies based on valid and timely analysis.



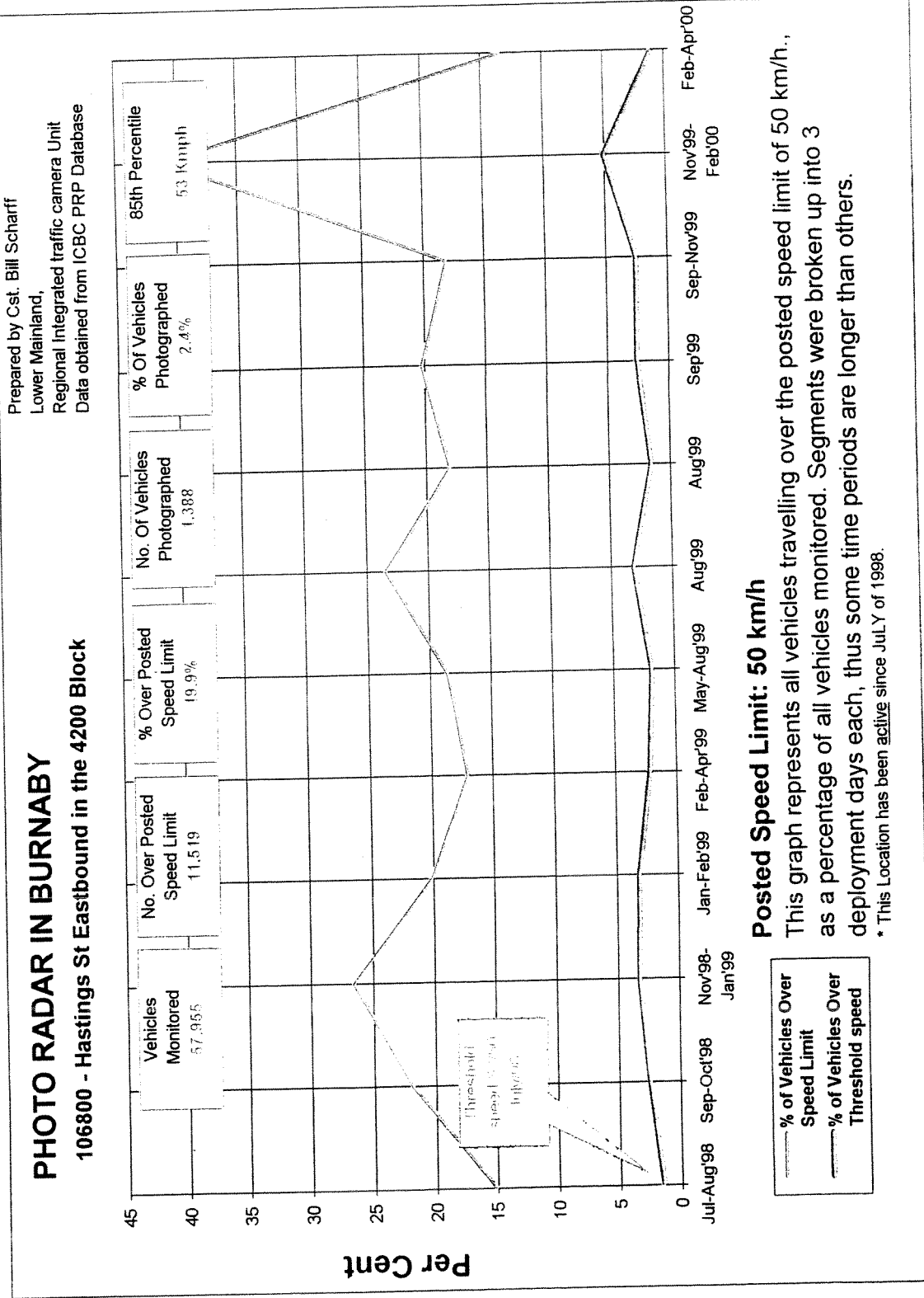
R. G. Dicks, Superintendent
OIC Burnaby Detachment

Attachments: Location Activity Reports
Program Summary Reports

PRP DEPLOYMENT STATS

BURNABY

	Duration (hours)	Traffic	Over Limit	% Photos	%
103800 / 01x CANADA WAY EASTBOUND IN THE 5100 BLOCK	410.2	304,104	193,237	63.5%	6.7%
103801 / 01y CANADA WAY WESTBOUND IN THE 5600 BLOCK	913.7	653,002	209,149	32.0%	2.6%
103802 / 1nb CANADA WAY WESTBOUND IN THE 4600 BLOCK	17.1	8,006	4,306	53.8%	6.1%
103803 / 1nc CANADA WAY WESTBOUND IN THE 7400 BLOCK	14.9	6,834	4,008	58.6%	8.3%
103900 / 01z WILLINGDON AVE NORTHBOUND IN THE 1500 BLOCK	469.7	245,361	69,766	28.4%	4.3%
103901 / 020 WILLINGDON AVE SOUTHBOUND IN THE 2300 BLOCK	1,541.0	1,050,685	481,365	45.8%	4.7%
104500 / 026 MARINE WAY EASTBOUND APPROX 2.0 KM EAST OF BOUNDARY RD	264.2	200,023	27,188	13.6%	1.2%
104501 / 027 MARINE WAY WESTBOUND IN THE 5000 BLOCK	357.0	246,493	36,864	15.0%	2.6%
104801 / 028 LOUGHEED HWY WESTBOUND AT BELL AVE	3.7	2,529	347	13.7%	1.9%
106800 / 166 HASTINGS ST EASTBOUND IN THE 4200 BLOCK	114.7	68,071	13,054	19.2%	2.3%
106801 / 167 HASTINGS ST EASTBOUND IN THE 4700 BLOCK	209.2	129,109	52,076	40.3%	7.6%
106802 / 168 HASTINGS ST EASTBOUND IN THE 5700 BLOCK	234.6	162,856	74,375	45.7%	5.5%
106803 / 16a HASTINGS ST WESTBOUND IN THE 6500 BLOCK	684.7	457,469	145,048	31.7%	3.1%
106804 / 15m HASTINGS ST WESTBOUND IN THE 5900 BLOCK	436.4	293,145	104,472	35.6%	2.6%
106805 / 169 HASTINGS ST WESTBOUND IN THE 4200 BLOCK	96.9	59,985	13,167	22.0%	3.0%
106806 / 1b9 HASTINGS ST EASTBOUND IN THE 5200 BLOCK	337.5	206,195	110,144	53.4%	5.9%
106807 / 1ba HASTINGS ST WESTBOUND IN THE 5200 BLOCK	310.7	203,341	119,456	58.7%	6.5%
106808 / 1bb HASTINGS ST WESTBOUND IN THE 4700 BLOCK	72.6	45,004	19,061	42.4%	6.9%
109700 / 043 RUMBLE ST EASTBOUND IN THE 3800 BLOCK	17.7	2,976	1,841	61.9%	21.4%
109800 / 045 RUMBLE ST EASTBOUND IN THE 5400 BLOCK	10.9	2,876	1,884	65.5%	21.3%
109801 / 046 RUMBLE ST WESTBOUND IN THE 5400 BLOCK	2.0	656	377	57.5%	15.5%
110300 / 04c SMITH AVE NORTHBOUND IN THE 4300 BLOCK	9.7	1,073	548	51.1%	14.0%
110400 / 04d FOREST GROVE DR. EAST BOUND 8500 BLOCK	10.8	706	412	58.4%	18.3%
110401 / 04e FOREST GROVE DR WESTBOUND IN THE 8500 BLOCK	8.6	429	191	44.5%	15.9%
112002 / 116 HWY 1 WESTBOUND APPROX 1.8 KM WEST OF GAGLARDI WAY	74.9	105,051	53,506	50.9%	4.2%
Summary for BURNABY (25 active locations)	6,623.5	4,455,979	1,735,842	39.0%	4.2%
Sum					



PRP DEPLOYMENT STATS

BURNABY

	Duration (hours)	Traffic	Over Limit	%	Photos	%
103800 / 01x CANADA WAY EASTBOUND IN THE 5100 BLOCK	410.2	304,104	193,237	63.5%	20,485	6.7%
103801 / 01y CANADA WAY WESTBOUND IN THE 5600 BLOCK	913.7	653,002	209,149	32.0%	17,285	2.6%
103802 / 1nb CANADA WAY WESTBOUND IN THE 4600 BLOCK	17.1	8,006	4,306	53.8%	488	6.1%
103803 / 1nc CANADA WAY WESTBOUND IN THE 7400 BLOCK	14.9	6,834	4,008	58.6%	567	8.3%
103900 / 01z WILLINGDON AVE NORTHBOUND IN THE 1500 BLOCK	469.7	245,361	69,766	28.4%	10,546	4.3%
103901 / 020 WILLINGDON AVE SOUTHBOUND IN THE 2300 BLOCK	1,541.0	1,050,685	481,365	45.8%	49,583	4.7%
104500 / 026 MARINE WAY EASTBOUND APPROX 2.0 KM EAST OF BOUNDARY RD	264.2	200,023	27,188	13.6%	2,355	1.2%
104501 / 027 MARINE WAY WESTBOUND IN THE 5000 BLOCK	357.0	246,493	36,864	15.0%	6,531	2.6%
104801 / 028 LOUGHEED HWY WESTBOUND AT BELL AVE	3.7	2,529	347	13.7%	47	1.9%
106800 / 166 HASTINGS ST EASTBOUND IN THE 4200 BLOCK	114.7	68,071	13,054	19.2%	1,595	2.3%
106801 / 167 HASTINGS ST EASTBOUND IN THE 4700 BLOCK	209.2	129,109	52,076	40.3%	9,812	7.6%
106802 / 168 HASTINGS ST EASTBOUND IN THE 5700 BLOCK	234.6	162,856	74,375	45.7%	8,955	5.5%
106803 / 16a HASTINGS ST WESTBOUND IN THE 6500 BLOCK	684.7	457,469	145,048	31.7%	14,055	3.1%
106804 / 15m HASTINGS ST WESTBOUND IN THE 5900 BLOCK	436.4	293,145	104,472	35.6%	7,751	2.6%
106805 / 169 HASTINGS ST WESTBOUND IN THE 4200 BLOCK	96.9	59,985	13,167	22.0%	1,811	3.0%
106806 / 1b9 HASTINGS ST EASTBOUND IN THE 5200 BLOCK	337.5	206,195	110,144	53.4%	12,168	5.9%
106807 / 1ba HASTINGS ST WESTBOUND IN THE 5200 BLOCK	310.7	203,341	119,456	58.7%	13,297	6.5%
106808 / 1bb HASTINGS ST WESTBOUND IN THE 4700 BLOCK	72.6	45,004	19,061	42.4%	3,086	6.9%
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109800 / 045 RUMBLE ST EASTBOUND IN THE 5400 BLOCK	10.9	2,876	1,884	65.5%	614	21.3%
109801 / 046 RUMBLE ST WESTBOUND IN THE 5400 BLOCK	2.0	656	377	57.5%	102	15.5%
110300 / 04c SMITH AVE NORTHBOUND IN THE 4300 BLOCK	9.7	1,073	548	51.1%	150	14.0%
110400 / 04d FOREST GROVE DR. EAST BOUND 8500 BLOCK	10.8	706	412	58.4%	129	18.3%
110401 / 04e FOREST GROVE DR WESTBOUND IN THE 8500 BLOCK	8.6	429	191	44.5%	68	15.9%
112002 / 116 HWY 1 WESTBOUND APPROX 1.8 KM WEST OF GAGLARDI WAY	74.9	105,051	53,506	50.9%	4,402	4.2%
Summary for BURNABY (25 active locations)	6,623.5	4,455,979	1,735,842	39.0%	186,519	4.2%
Sum	3.70%	6.82%	8.93%		9.34%	
Percent of Grand						

106800	Jul-Aug'98	Sep-Oct'98	Nov'98-Jan'	Jan-Feb'99	Feb-Apr'99	May-Aug'99	Aug'99	Sep'99	Sep-Nov'99	Nov'99-Feb	Feb-Apr'00
% of Vehicles Over Speed Limit	15.1	21.9	26.6	30.2	17.1	19.6	3.5	18.1	10.3	13.2	13.7
% of Vehicles Over Threshold Speed	1.5	2.5	3.3	3.2	2.2	1.9	3.2	1.6	2.6	2.6	5.1

BURNABY

Location #106800
Hastings St Eastbound in the 4200 Block

1st Deployment July 16/98

The Last Deployment recorded on April 19/00

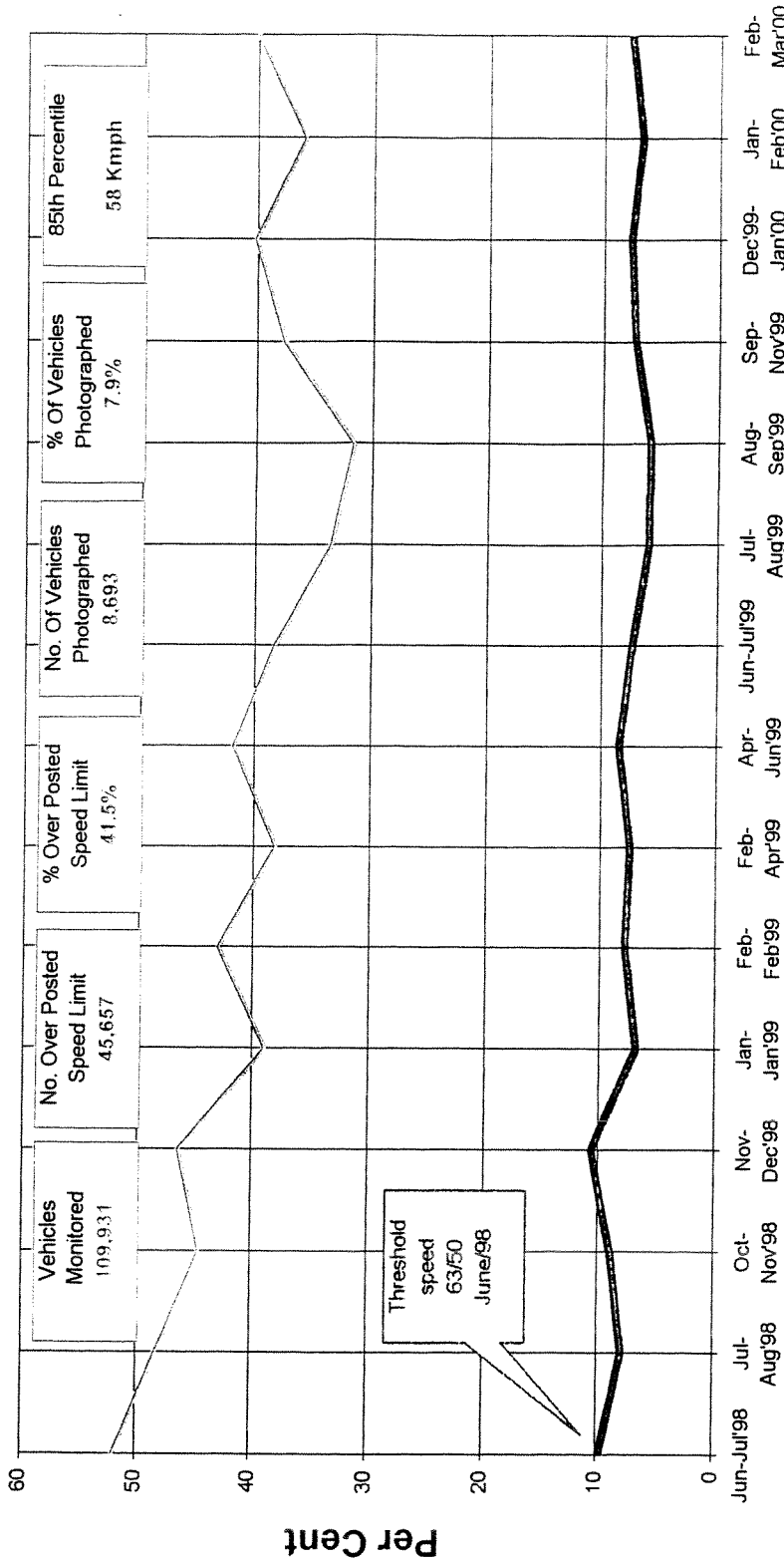
Note Each column covers different lengths of time, however each column deals with the same # of deployments for that period. Each column contains a combined average of 3 deployment days.

LMD RITCU

PHOTO RADAR IN BURNABY

106801 - Hastings St Eastbound in the 4700 Block

Prepared by Cst. Bill Scharff
 Lower Mainland,
 Regional Integrated traffic camera Unit
 Data obtained from ICBC PRP Database



Posted Speed Limit: 50 km/h

This graph represents all vehicles travelling over the posted speed limit of 50 km/h., as a percentage of all vehicles monitored. Segments were broken up into 4 deployment days each, thus some time periods are longer than others.

* This Location has been active since June of 1998.

106801	Jun-Jul'98	Jul-Aug'98	Oct-Nov'98	Nov-Dec'98	Jan-Jan'99	Feb-Feb'99	Feb-Apr'99	Apr-Jun'99	Jun-Jul'99	Jul-Aug'99	Aug-Sep'99	Sep-Nov'99	Dec'99-Jan	Jan-Feb'00	Feb-Mar'00
% of Vehicles Over Speed Limit	32	48.3	44.5	46.4	38.9	43	39.1	41.8	38.3	33.5	31.6	37.6	40.2	35.9	40
% of Vehicles Over Threshold speed	4.8	7.9	3.9	10.7	6.8	7.8	7.1	8.4	7.3	5.9	5.8	7.2	7.6	6.6	6.8

BURNABY

Location #106801

Hastings St Eastbound in the 4700 Block

1st Deployment June 23/98

The Last Deployment recorded on April 18/00

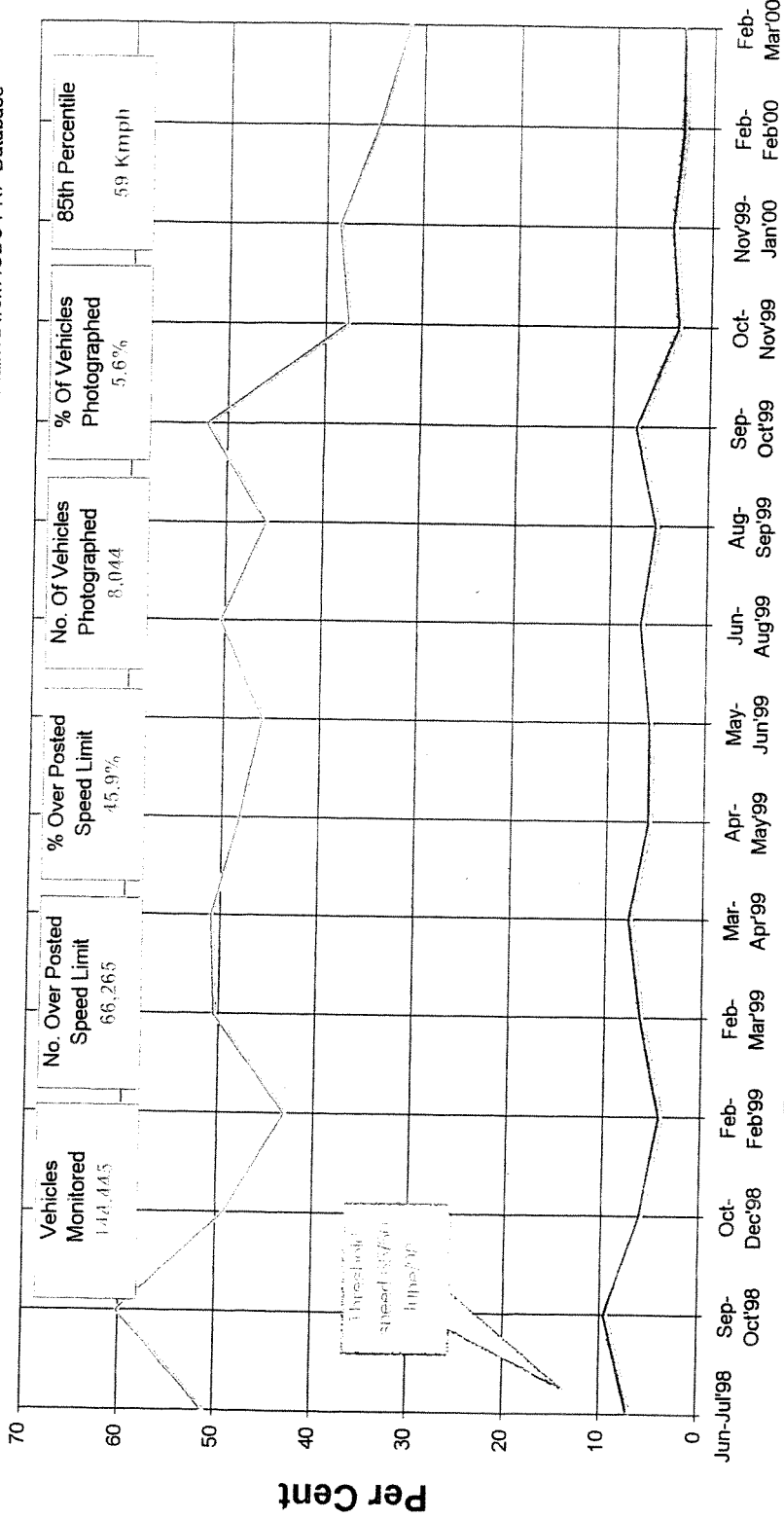
Note Each column covers different lengths of time, however each column deals with the same # of deployments for that period. Each column contains a combined average of 4 deployment days.

Prepared by: Cst. Bill Scharff
LMD RITCU

PHOTO RADAR IN BURNABY

106802 - Hastings St Eastbound in the 5800 Block

Prepared by Cst. Bill Scharff
 Lower Mainland,
 Regional Integrated traffic camera Unit
 Data obtained from ICBC PRP Database



Vehicles Monitored
144,445

No. Over Posted Speed Limit
66,265

% Over Posted Speed Limit
45.9%

No. Of Vehicles Photographed
8,044

% Of Vehicles Photographed
5.6%

85th Percentile
59 Kmph

Posted Speed Limit: 50 km/h

This graph represents all vehicles travelling over the posted speed limit of 50 km/h., as a percentage of all vehicles monitored. Segments were broken up into 4 deployment days each, thus some time periods are longer than others.

* This Location has been active since June of 1998.

Legend:
 - - - % of Vehicles Over Speed Limit
 - - - % of Vehicles Over Threshold speed

106802	Jun-Jul'98	Sep-Oct'98	Oct-Dec'98	Feb-Feb'99	Mar-Apr'99	Apr-May'99	May-Jun'99	Jun-Aug'99	Aug-Sep'99	Sep-Oct'99	Oct-Nov'99	Nov'99-Jan	Feb-Feb'00	Feb-Mar'00
% of Vehicles Over Speed Limit	51	50.1	49.1	43	50.9	48.1	45.9	50.3	45.8	52.1	37.6	38.6	31.6	31.1
% of Vehicles Over Threshold speed	6.9	9.4	5.9	4.1	7.5	5.5	5.6	6.6	5.2	7.4	3.2	3.9	1.9	1.1

BURNABY

Location #106802
Hastings St Eastbound in the 5800 Block

1st Deployment June 18/98
The Last Deployment recorded on March 18/00

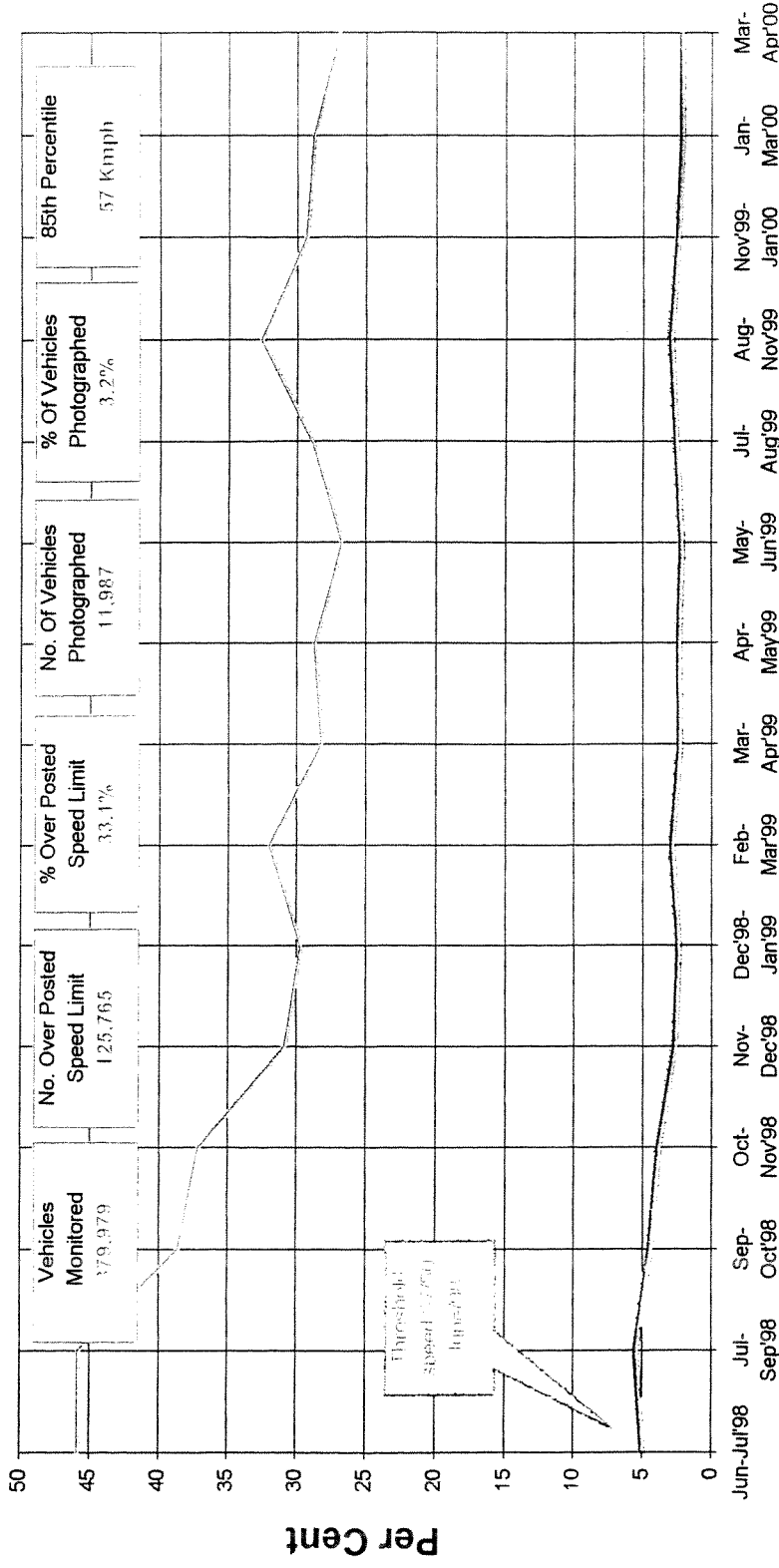
****Note**** Each column covers different lengths of time, however each column deals with the same # of deployments for that period. Each column contains a combined average of 4 deployment days.

Prepared by: Cst. Bill Scharff
LMD RITCU

PHOTO RADAR IN BURNABY

106803 - Hastings St Westbound in the 6500 Block

Prepared by Cst. Bill Scharff
 Lower Mainland,
 Regional Integrated traffic camera Unit
 Data obtained from ICBC PRP Database



Vehicles Monitored	379,979
No. Over Posted Speed Limit	125,765
% Over Posted Speed Limit	33.1%
No. Of Vehicles Photographed	11,987
% Of Vehicles Photographed	3.2%
85th Percentile	57 Km/h

Posted Speed Limit: 50 km/h

This graph represents all vehicles travelling over the posted speed limit of 50 km/h., as a percentage of all vehicles monitored. Segments were broken up into 10 deployment days each, thus some time periods are longer than others.



* This Location has been active since June of 1998.

106803	Jun-Jul'98	Jul-Sep'98	Sep-Oct'98	Oct-Nov'98	Nov-Dec'98	Dec'98-Jan	Feb-Mar'99	Mar-Apr'99	Apr-May'99	May-Jun'99	Jun-Aug'99	Aug-Nov'99	Nov'99-Jan	Jan-Mar'00	Mar-Apr'00
% of Vehicles Over Speed Limit	15.3	15.8	38.6	37.1	30.9	29.7	32	28.2	28.7	26.7	28.9	32.6	29.3	28.3	18.9
% of Vehicles Over Threshold speed	3	5.5	4.5	3.9	2.7	2.4	2.0	2.3	2.4	2.2	2.6	3	2.5	2	

BURNABY

Location #106803

Hastings St Westbound in the 6500 Block

1st Deployment June 15/98

The Last Deployment recorded on April 22/00

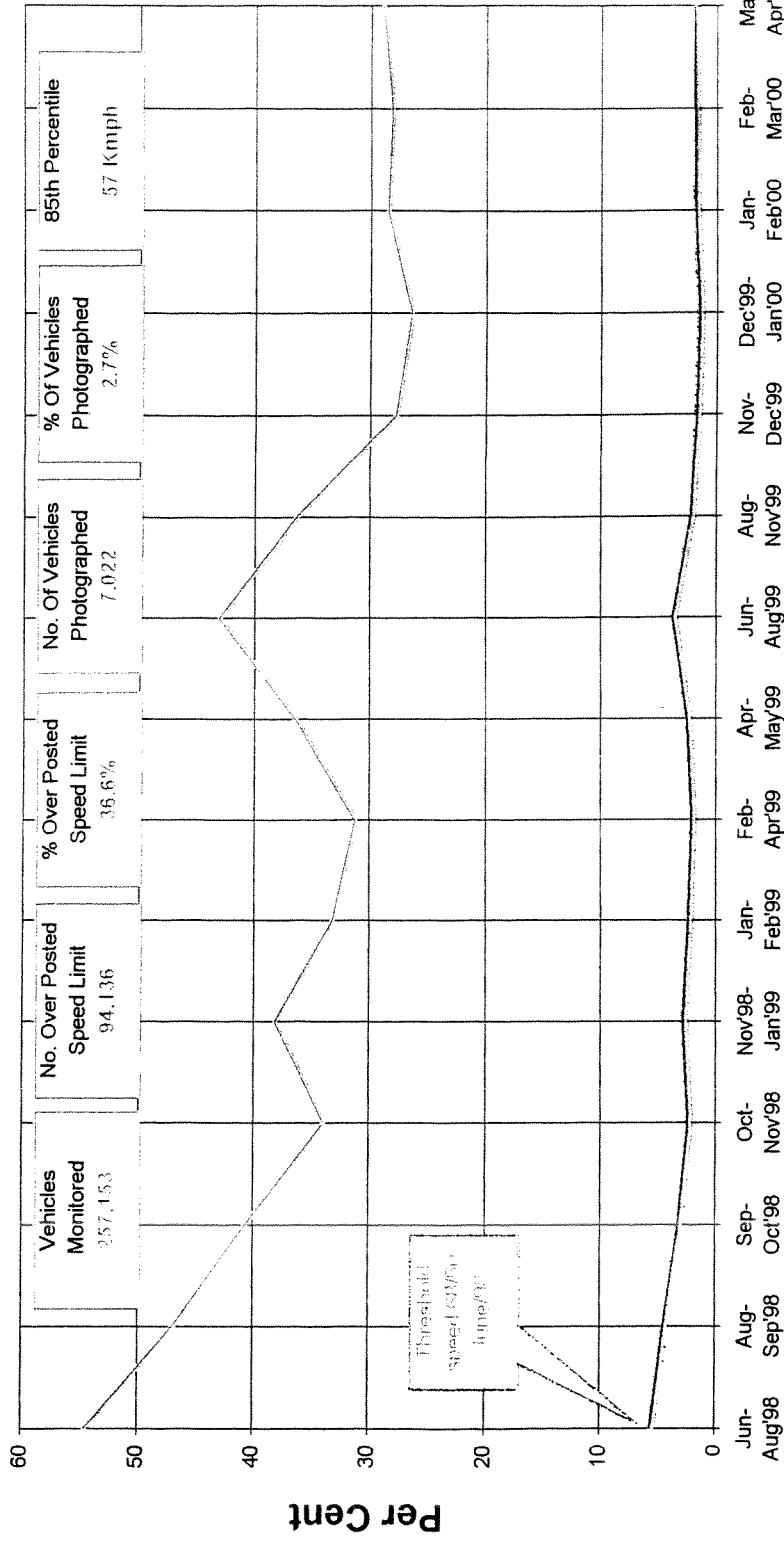
****Note**** Each column covers different lengths of time, however each column deals with the same # of deployments for that period. Each column contains a combined average of 10 deployment days.

Prepared by: Cst. Bill Scharff
LMD RITCU

Prepared by Cst. Bill Scharff
 Lower Mainland,
 Regional Integrated traffic camera Unit
 Data obtained from ICBC PRP Database

PHOTO RADAR IN BURNABY

106804 - Hastings St Westbound in the 5900 Block



Posted Speed Limit: 50 km/h

This graph represents all vehicles travelling over the posted speed limit of 50 km/h., as a percentage of all vehicles monitored. Segments were broken up into 7 deployment days each, thus some time periods are longer than others.

* This Location has been active since June of 1998.

	106804	Jun-Aug 98	Aug-Sep 98	Sep-Oct 98	Oct-Nov 98	Nov 98-Jan 99	Jan-Feb 99	Feb-Mar 99	Apr-May 99	Jun-Aug 99	Aug-Nov 99	Nov-Dec 99	Dec 99-Jan 00	Jan-Feb 00	Feb-Mar 00	Mar-Apr 00
% of Vehicles Over Speed Limit	54.6	46.9	40.7	33.9	38.2	33.2	31.2	36.4	36.4	43	36.4	27.7	26.4	28.5	26.1	32.9
% of Vehicles Over Threshold speed	5.5	4.4	3.1	2.3	2.7	2.3	2	2.4	2.4	3.7	2.1	1.6	1.4	1.7	1.2	1.3

BURNABY

Location #106804
Hastings St Westbound in the 5900 Block

1st Deployment June 10/88
The Last Deployment recorded on April 30/00

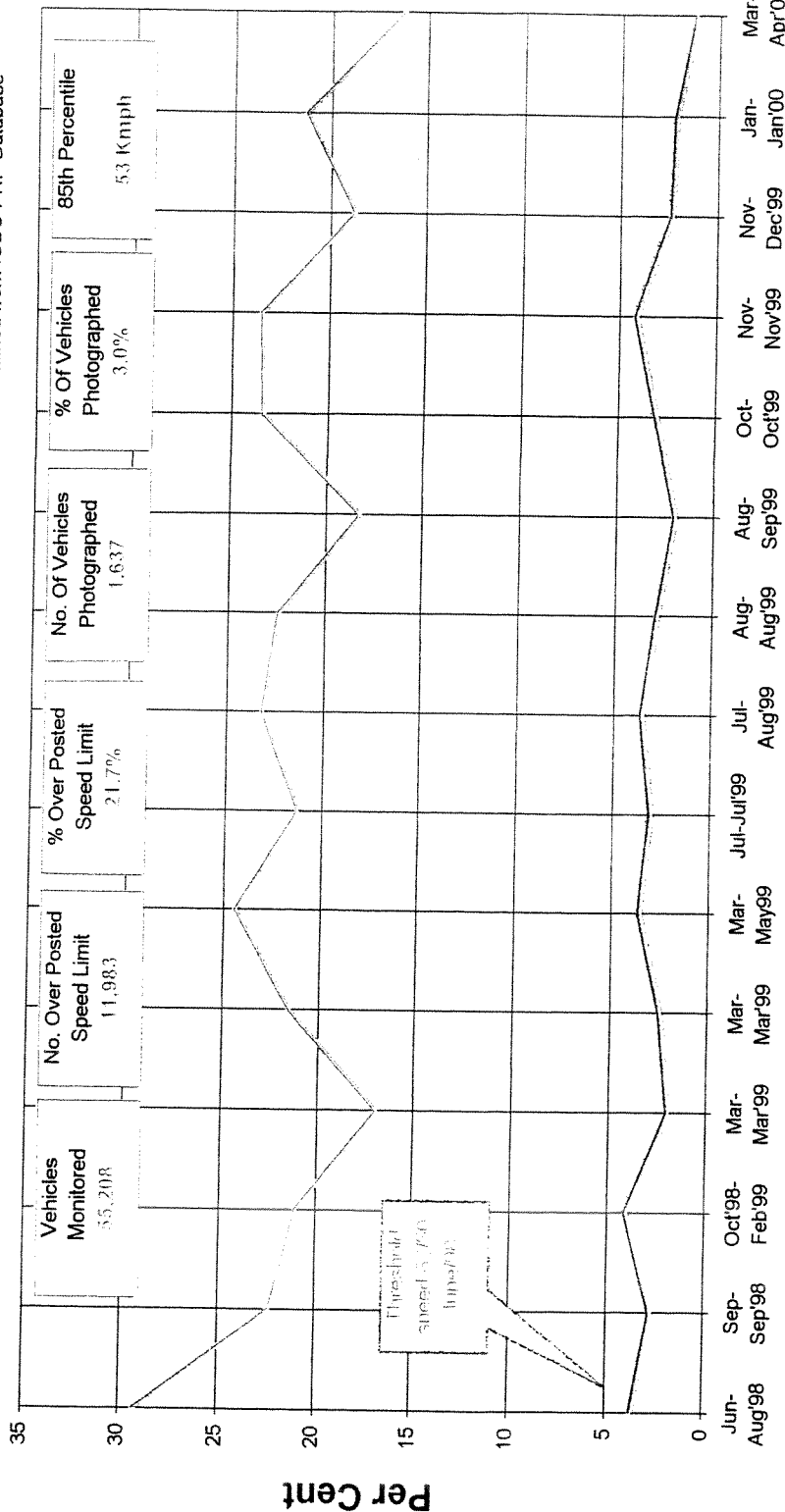
Note Each column covers different lengths of time, however each column deals with the same # of deployments for that period. Each column contains a combined average of 7 deployment days.

Prepared by: Cst. Bill Scharff
LMD RITCU

PHOTO RADAR IN BURNABY

106805 - Hastings St Westbound in the 4200 Block

Prepared by Cst. Bill Scharff
 Lower Mainland,
 Regional Integrated traffic camera Unit
 Data obtained from ICBC PRP Database



Posted Speed Limit: 50 km/h

This graph represents all vehicles traveling over the posted speed limit of 50 km/h., as a percentage of all vehicles monitored. Segments were broken up into 2 deployment days each, thus some time periods are longer than others.

* This Location has been active since June of 1998.

106805	Jun-Aug'94	Sep-Sep'98	Oct'98-Feb	Mar-Mar'99	Mar-May'99	Jul-Jul'99	Jul-Aug'99	Aug-Aug'99	Aug-Sep'99	Oct-Oct'99	Nov-Nov'99	Nov-Dec'99	Jan-Jan'00	Mar-Apr'00
% of Vehicles Over Speed Limit	29.3	22.4	21.1	16.9	21.6	24.4	21.3	23.2	22.4	18.2	23.4	23.5	18.7	31.3
% of Vehicles Over Threshold speed	3.7	2.8	4.1	2	2.5	3.6	3.1	3.6	2.9	2	3.1	4.2	2.4	1.2

BURNABY

Location #106805
Hastings St Westbound in the 4200 Block

1st Deployment June 10/98
The Last Deployment recorded on April 22/00

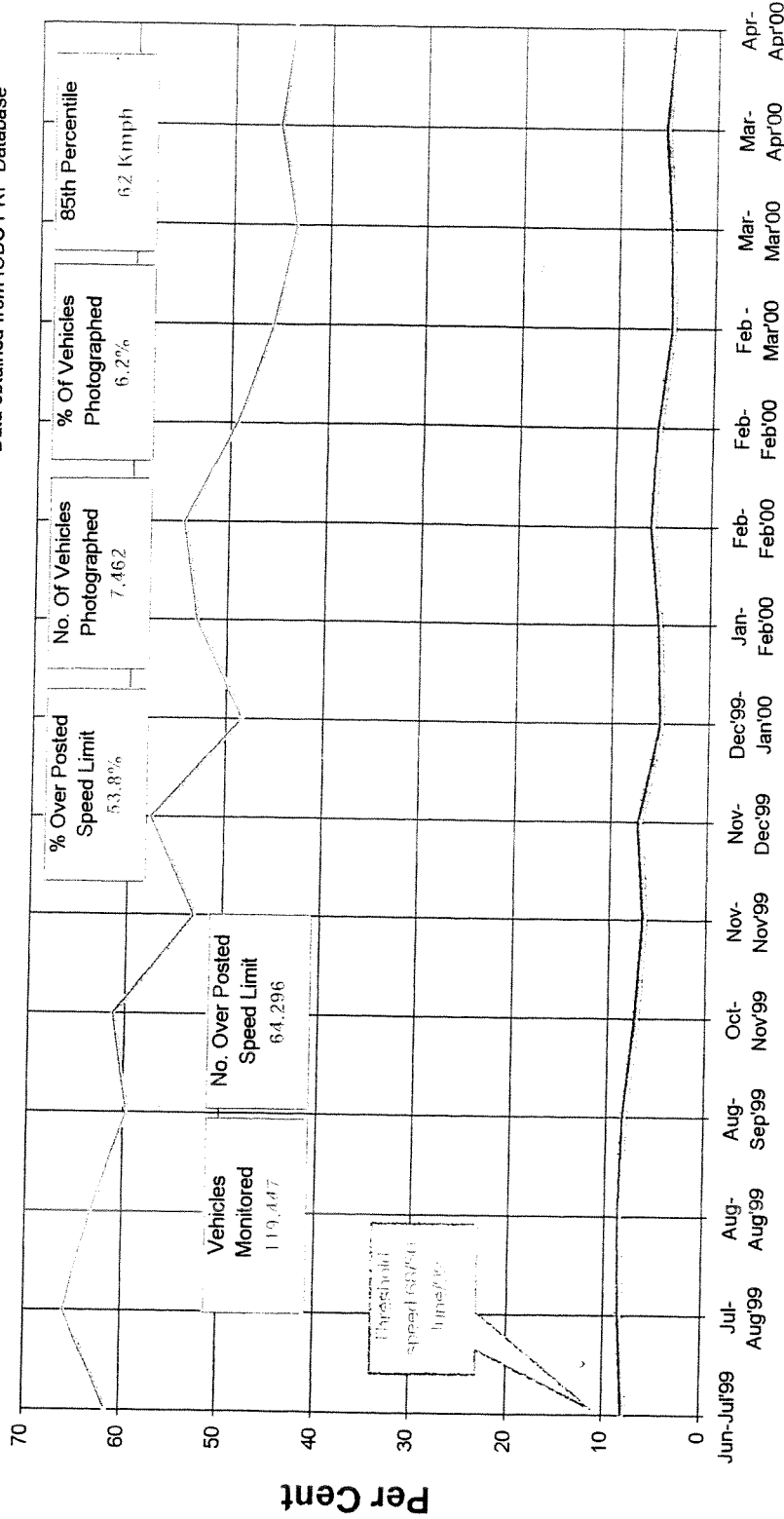
****Note**** Each column covers different lengths of time, however each column deals with the same # of deployments for that period. Each column contains a combined average of 2 deployment days.

Prepared by: Cst. Bill Scharff
LMD RITCU

PHOTO RADAR IN BURNABY

106806 - Hastings St Eastbound in the 5200 Block

Prepared by Cst. Bill Scharff
 Lower Mainland,
 Regional Integrated traffic camera Unit
 Data obtained from ICBC PRP Database



Posted Speed Limit: 50 km/h

This graph represents all vehicles travelling over the posted speed limit of 50 km/h., as a percentage of all vehicles monitored. Segments were broken up into 4 deployment days each, thus some time periods are longer than others.

* This Location has been active since June of 1999.

--- % of Vehicles Over Speed Limit
 - - - % of Vehicles Over Threshold speed

106806	Jun-Jul99	Jul-Aug99	Aug-Sep99	Oct-Nov99	Nov-Dec99	Dec99-Jan	Jan-Feb00	Feb-Mar00	Mar-Apr00	Apr-May00
% of Vehicles Over Speed Limit	51.3	55.9	53.2	59.7	61.2	52.9	48.3	53.1	54.6	49.3
% of Vehicles Over Threshold speed	7.8	8.3	8.5	8.2	7.1	6.4	4.9	5.2	6.1	5.6

BURNABY
 Location #106806
 Hastings St Eastbound in the 5200 Block

1st Deployment June 6/99
 The Last Deployment recorded on April 16/00

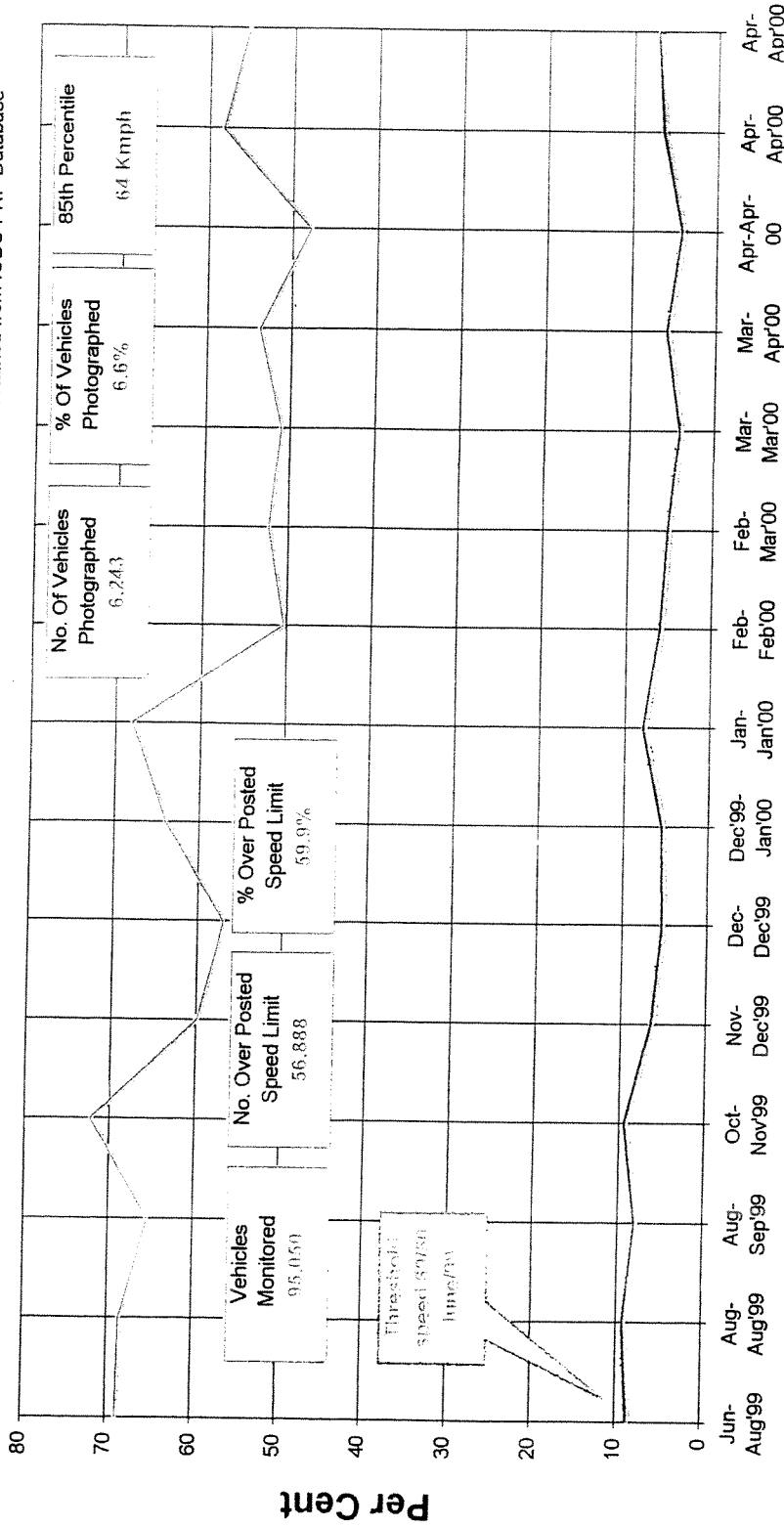
****Note**** Each column covers different lengths of time, however each column deals with the same # of deployments for that period. Each column contains a combined average of 4 deployment days.

Prepared by: Cst. Bill Scharff
 LMD RITCU

PHOTO RADAR IN BURNABY

106807 - Hastings St Westbound in the 5200 Block

Prepared by Cst. Bill Scharff
 Lower Mainland,
 Regional Integrated traffic camera Unit
 Data obtained from ICBC PRP Database



Posted Speed Limit: 50 km/h

This graph represents all vehicles travelling over the posted speed limit of 50 km/h., as a percentage of all vehicles monitored. Segments were broken up into 3 deployment days each, thus some time periods are longer than others.

* This Location has been active since June of 1999.

— % of Vehicles Over Speed Limit
 - - - % of Vehicles Over Threshold speed

106807	Jun-Aug'94	Aug-Aug'98	Aug-Sep'98	Oct-Nov'98	Nov-Dec'98	Dec-Dec'98	Dec'99-Jan	Jan-Jan'00	Feb-Feb'00	Feb-Mar'00	Mar-Mar'00	Mar-Apr'00	Apr-Apr'00	Apr-Apr'00	Apr-Apr'00
% of Vehicles Over Speed Limit	58.6	68.5	65.4	72.1	59.8	56.9	63.9	68	50.3	52.3	51	53.7	47.8	58.3	58.3
% of Vehicles Over Threshold speed	8.5	9.1	7.9	9.3	6.3	5.2	5.4	7.7	5.9	5.2	3.9	5.7	4	5.3	5.3

BURNABY

Location #106807
Hastings St Westbound in the 5200 Block

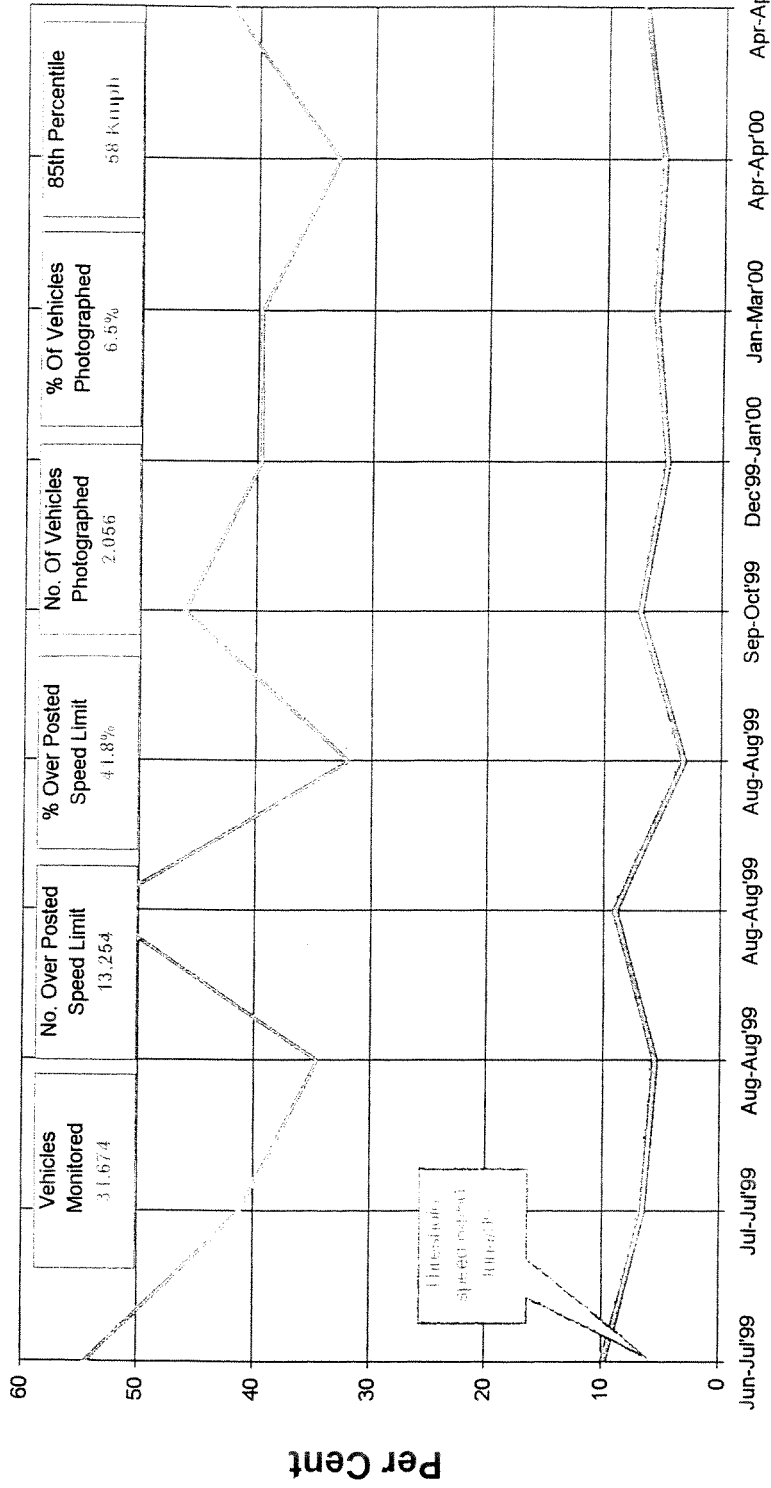
1st Deployment June 7/99
The Last Deployment recorded on April 30/00

Note Each column covers different lengths of time, however each column deals with the same # of deployments for that period. Each column contains a combined average of 3 deployment days.

Prepared by: Cst. Bill Scharff
LMD RITCU

PHOTO RADAR IN BURNABY
106808 - Hastings St Westbound in the 4700 Block

Prepared by Cst. Bill Scharff
 Lower Mainland,
 Regional Integrated traffic camera Unit
 Data obtained from ICBC PRP Database



Posted Speed Limit: 50 km/h

This graph represents all vehicles travelling over the posted speed limit of 50 km/h., as a percentage of all vehicles monitored. Segments were broken up into 2 deployment days each, thus some time periods are longer than others.

* This Location has been active since June of 1999.

----- % of Vehicles Over Speed Limit
 ----- % of Vehicles Over Threshold speed

106808	Jun-Jul'99	Jul-Jul'99	Aug-Aug'99	Aug-Aug'99	Aug-Aug'99	Sep-Oct'99	Dec'99-Jan	Jan-Mar'00	Apr-Apr'00	Apr-Apr'00
% of Vehicles Over Speed Limit	54.5	41.2	34.6	53.6	31.98	46.2	39.6	39.7	33.1	33.1
% of Vehicles Over Threshold speed	9.9	6.6	5.6	9.1	3.2	7	4.7	5.9	5.0	5.0

BURNABY

Location #106808
 Hastings St Westbound in the 4700 Block

1st Deployment June 14/99
 The Last Deployment recorded on April 16/00

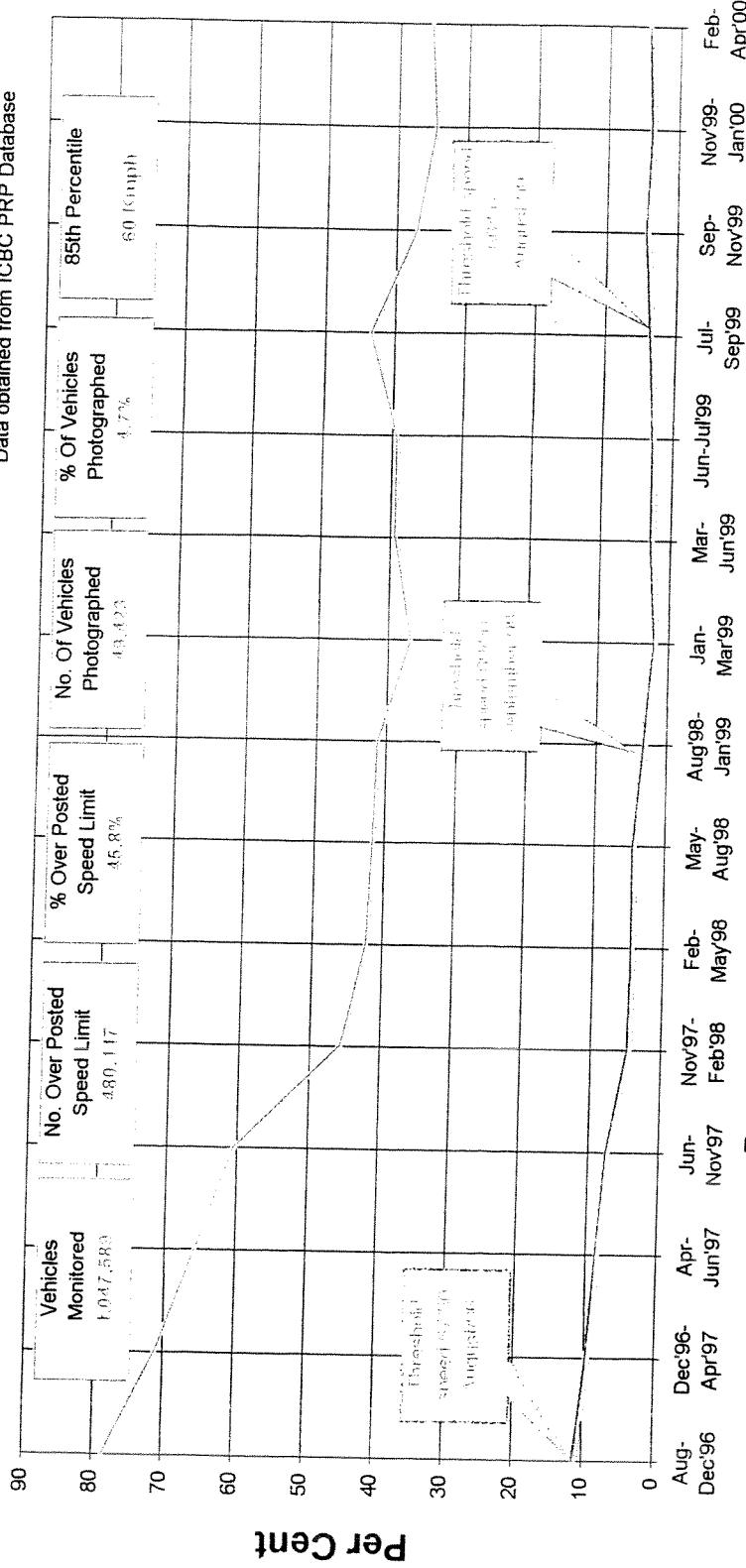
****Note**** Each column covers different lengths of time, however each column deals with the same # of deployments for that period. Each column contains a combined average of 2 deployment days.

LMD RITCU

PHOTO RADAR IN BURNABY

103901 - Willingdon Ave southbound in the 2300 Block

Prepared by Cst. Bill Scharff
 Lower Mainland,
 Regional Integrated Traffic camera Unit
 Data obtained from ICBC PRP Database



Posted Speed Limit: 50 km/h

This graph represents all vehicles travelling over the posted speed limit of 50 km/h., as a percentage of all vehicles monitored. Segments were broken up into 25 deployment days each, thus some time periods are longer than others.

* This Location has been active from the beginning of the Photo Radar program

----- % of Vehicles Over Speed Limit
 _____ % of Vehicles Over Threshold speed

103901	Aug-Dec'91	Dec'96-Apr	Apr-Jun'97	Jun-Nov'97	Nov'97-Feb	Feb-May'98	May-Aug 98	Aug'98-Jan	Jan-Mar'99	Mar-Jun'99	Jun-Jul'99	Jul-Sep'99	Sep-Nov'99	Nov'99-Jan	Jan-Feb-Apr'00
% of Vehicles Over Speed Limit	78.5	71.2	65.7	60.4	45.7	42.3	41.1	41.2	36.3	39.3	39.4	43.4	37.1	31.1	
% of Vehicles Over Threshold Speed	11	9.6	8.5	7.3	4.6	4.4	4.4	3.1	1.9	2.6	2.7	3.5	4.3	1.5	

BURNABY

Location #103901

Willingdon Ave Southbound in the 2300 Block

1st Deployment August 26/96

The Last Deployment todote was recorded on April 26/00

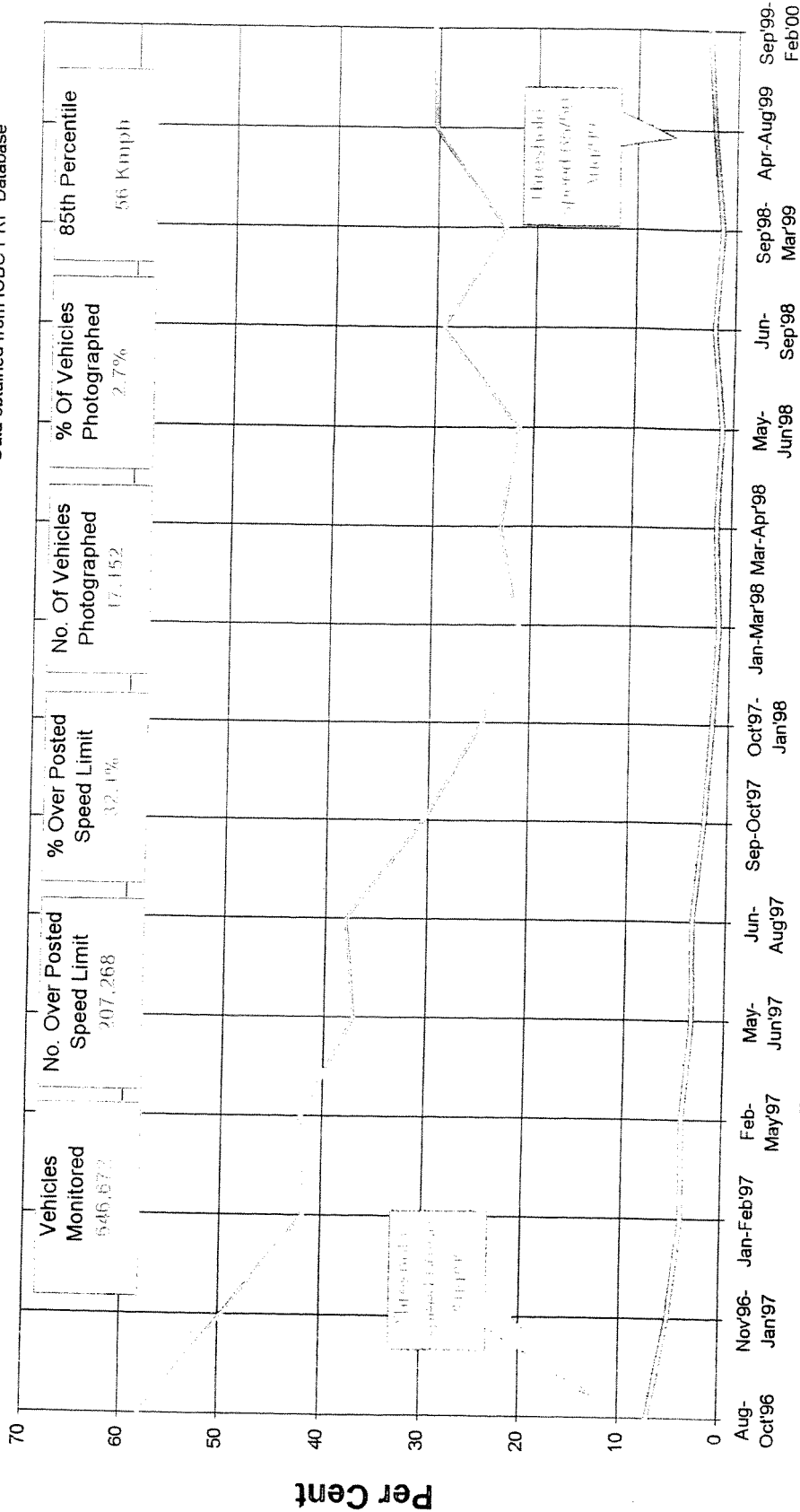
****Note**** Each column covers different lengths of time, however each column deals with the same # of deployments for that period. Each column contains a combined average of 25 deployment days.

Prepared by: Cst. Bill Scharff
LMD RITCU

PHOTO RADAR IN BURNABY

103801 - Canada Way Westbound in the 5600 Block

Prepared by Cst. Bill Scharff
 Lower Mainland,
 Regional Integrated traffic camera Unit
 Data obtained from ICBC PRP Database



Posted Speed Limit: 50 km/h

This graph represents all vehicles travelling over the posted speed limit of 50 km/h., as a percentage of all vehicles monitored. Segments were broken up into 14 deployment days each, thus some time periods are longer than others.

* This Location has been non-active since February of 2000 at Burnaby Detachments request.

103801	Aug-Oct'96	Nov'96-Jan'97	Jan-Feb'97	Feb-May'97	May-Jun'97	Jun-Aug'97	Sep-Oct'97	Oct-Jan'98	Jan-Mar'98	Mar-Apr'98	May-Jun'98	Jun-Sep'98	Sep'98-Mar'99	Apr-Aug'99	Sep'99-Feb'00
% of vehicles over threshold speed	7.1	3.3	1.1	4.1	3.7	3.4	3.3	1.5	1.1	1.5	1.1	1.1	1.3	1.3	

BURNABY
 Location #103801
 Canada Way Westbound in the 5600 Block

1st Deployment August 10/96
 The Last Deployment recorded on February 5th/2000

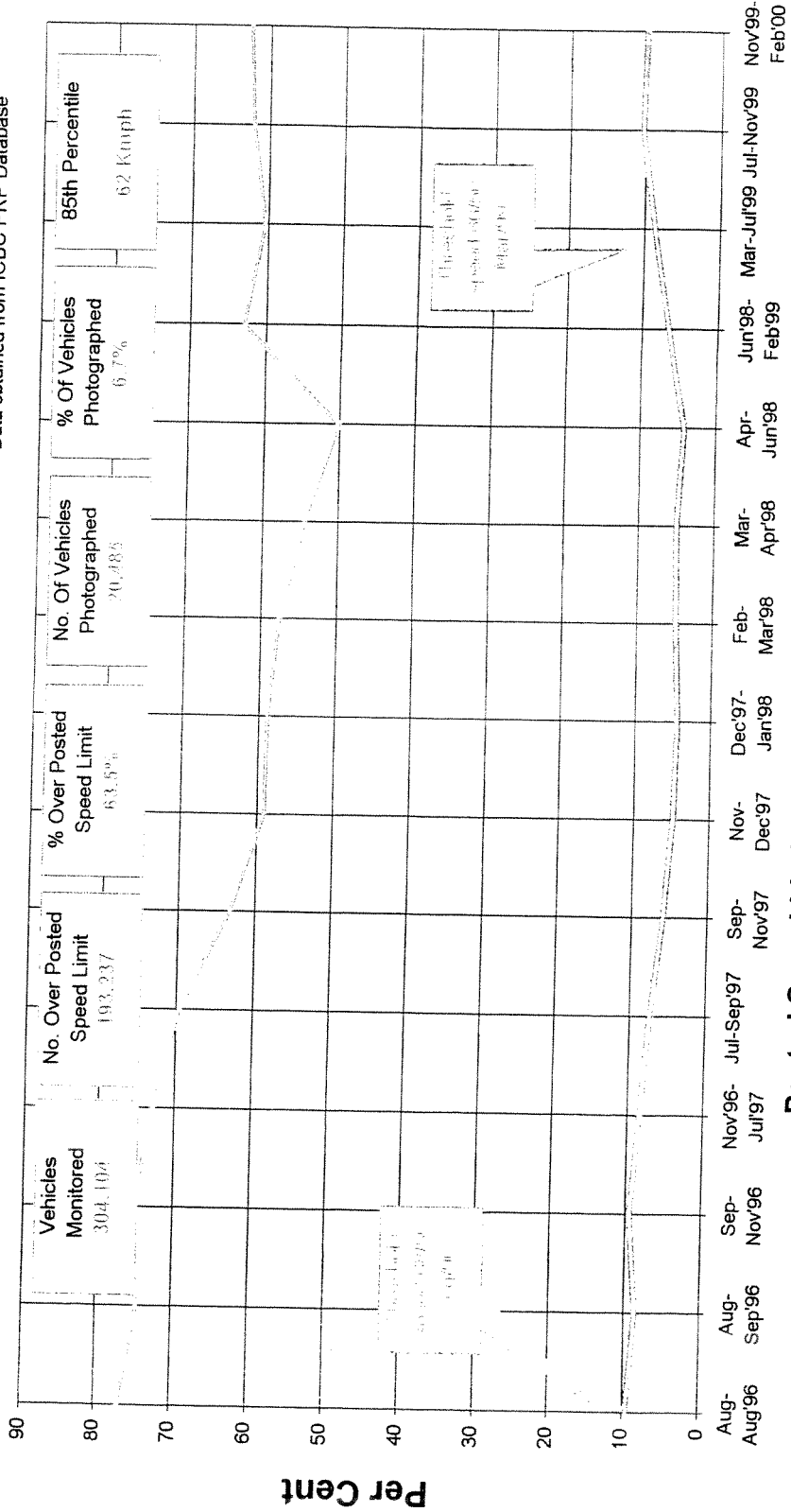
Note Each column covers different lengths of time, however each column deals with the same # of deployments for that period. Each column contains a combined average of 14 deployment days.

Prepared by: Cst. Bill Scharff
 LMD RITCU

PHOTO RADAR IN BURNABY

103800 - Canada Way Eastbound in the 5100 Block

Prepared by Cst. Bill Scharff
Lower Mainland,
Regional Integrated traffic camera Unit
Data obtained from ICBC PRP Database



Posted Speed Limit: 50 km/h

This graph represents all vehicles travelling over the posted speed limit of 50 km/h., as a percentage of all vehicles monitored. Segments were broken up into 7 deployment days each, thus some time periods are longer than others.

* This Location has been non-active since February of 2000 at Burnaby Detachments request.

103800	Aug-Aug'96	Sep-Nov'96	Nov'96-Jul'97	Jul-Sep'97	Sep-Nov'97	Nov-Dec'97	Dec'97-Jan'98	Feb-Mar'98	Mar-Apr'98	Apr-Jun'98	Jun'98-Feb'	Mar-Jul'99	Jul-Nov'99	Nov'99-Feb'00
% of Vehicles Over Speed Limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
% of Vehicles Over Threshold Speed	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

BURNABY

Location #103800
Canada Way Eastbound in the 5100 Block

1st Deployment August 9/96
The Last Deployment recorded on February 15th/2000

Note Each column covers different lengths of time, however each column deals with the same # of deployments for that period. Each column contains a combined average of 7 deployment days.

Prepared by: Cst. Bill Scharff
LMD RITCU