
TO: CITY MANAGER **DATE:** 2012 July 24

FROM: DIRECTOR ENGINEERING **FILE:** 38000-40

SUBJECT: BC SENIORS GAMES – CYCLING EVENTS

PURPOSE: To seek Council approval for the road closures required to support the BC Seniors Games cycling events on 2012 August 23-25.

RECOMMENDATIONS:

1. **THAT** Council approve the road closures for the BC Seniors Games cycling events as discussed in this report.
2. **THAT** the coordinator of the events, Wayne Peppard, Director of Sports, BC Seniors Games, 5490 Patrick St, Burnaby, BC V5J 3B3, be sent a copy of this report.

REPORT

The 2012 BC Seniors Games will be held in venues throughout Burnaby and neighbouring communities over a five day period from August 21-25. Over 3,000 participants from across the province are expected to compete in this special 25th anniversary of the Games. The BC Seniors Games provides opportunity for all BC seniors to compete in an organized sport, recreation or cultural event that promotes fitness, mental stimulation, individual achievement, and community pride.

A request to use City streets for 3 cycling events (Hill Climb, Time Trial, and Road Race) for the BC Seniors Games on 2012 August 23-25 has been received from Wayne Peppard, Director of Sports for the BC Seniors Games. Council approval for road closures is required by the Street & Traffic Bylaw.

Hill Climb – Thursday August 23

The Hill Climb is a timed, 2 km uphill race with individual cyclists starting at regular timed intervals. Racers will start on the north side of Hastings and Burnaby Mountain Pkwy, and will proceed eastbound along Burnaby Mountain Pkwy utilizing the bike lane on the north side. Racers will then head north along Centennial Way and finish at the parking lot at the top of Burnaby Mountain (see *Attachment 1*). The race is to begin at 9:00 am and should be completed by 11:00 am. For duration of the race, Centennial Way will be closed to traffic, the bike lane on

the north side of Burnaby Mountain Pkwy will be delineated with traffic cones from all other traffic, and “Bike Race In Progress” signs will be placed along the entire route. Large information signs regarding the closure of Centennial Way will be posted one week in advance and Horizons Restaurant is supportive of the closure.

Time Trial – Friday August 24

The Time Trial is a timed, 18 km race with individual cyclists starting at regular timed intervals. The race will start and finish at the Velodrome and will require the closure of the eastbound lanes along Inlet Dr and Barnet Rd, between Hastings St and Suncor near the Burnaby/Port Moody boundary. Racers will first head east along the eastbound curb lane along Barnet Rd, then turn around at Suncor and head west along the eastbound inside lane, then turn around again at Hastings and head east along the eastbound curb lane, and then finish at the Velodrome (see *Attachment 2*). The Time Trial is scheduled to occur between 9:00 am and 12:00 noon. Some key affected stakeholders (Coast Mountain Bus Company, City of Port Moody, Emergency Services and businesses along Barnet Rd) have been consulted and they are able to accommodate the required road closure. During the road closure, eastbound traffic along Hastings will be diverted to Burnaby Mountain Pkwy/Gaglaridi/Broadway/Como Lake. Electronic message board signs will be installed at either end of Inlet/Barnet race route one week in advance informing the public of the upcoming road closure.

Road Race – Saturday August 25

The Road Race consists of a 5-lap (33.5 km) Women’s Race and an 8-lap (53.6 km) Men’s Race. The Road Race consists of a clockwise circuit along Bainbridge Ave, Lougheed Hwy, Brighton Ave and Winston St, with the start and finish line on Bainbridge at Collister Dr (see *Attachment 3*). The race is scheduled to occur between 8:00 am and 12:00 noon. The race route will utilize the eastbound bike lane along Lougheed, the southbound curb lane along Brighton, the westbound bike lane along Winston and the north bound travel lane along Bainbridge. The entire race route will be delineated with traffic cones and “Bike Race In Progress” signs will be placed along the entire route. All intersections will be controlled by traffic control personnel or race marshals, and localized lane closures will be in place at some locations to channel traffic away from the race route. Due to the narrower roadway along Bainbridge, a single traffic lane with alternating traffic flow may need to be established. Large information signs regarding the road race will be posted one week in advance at several locations.

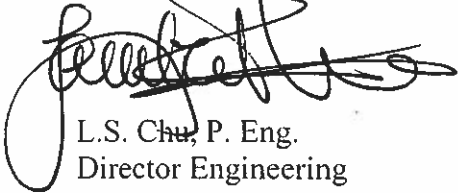
Traffic Control

BC Seniors Games organizers have retained a private traffic control company (Ansam Traffic Control) to develop and manage the traffic control plan and to provide all the barricades, signs and other equipment necessary for the road closures.

To: City Manager
From: Director Engineering
Re: BC Seniors Games – Cycling Events
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The organizers are aware that approval is subject to the following conditions:

1. That the road closures be conducted under the supervision of one person as organizer.
2. That all participants be instructed to respect the rights and property of the individuals encountered en route.
3. That all emergency and transit services are advised of the event.
4. That the cycling events be covered with liability insurance in the minimum amount of \$2 million with the City of Burnaby named as co-insured, and that the insurance policy include a 30 day cancellation notice and a cross liability clause.
5. That a signed copy of the “City of Burnaby Permit For Short Term Use and Occupancy Of City Lands” be received no later than one week prior to the event.
6. That the organizer sends notification to all businesses and residents directly affected at least one week in advance.



L.S. Chu, P. Eng.
Director Engineering

SC/DL/br
Attachment






Copied to: Director Finance
RCMP – OIC Burnaby Detachment Chief Supt. Dave Critchley
Fire Chief – Shaun Redmond
BC Ambulance Service, Supt Dist #4 - 302-2955 Virtual Way, Vancouver BC V5M 4X6
Emergency Program Coordinator – Charmaine Pflugrath
Supervisor - Sports & Outdoor Recreation – Carol Chard



BC SENIOR GAMES • AUGUST 23 • HILL CLIMB

[illegible][illegible]

LEGEND

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|  | TRAFFIC CONTROL PERSON (TCP) |
|  | LOCATION OF SIGN |
|  | TRAFFIC CONE (DELINEATOR) TYPE D |
|  | MARSHAL |
|  | BIKE ROUTE |



Ansan Industries Ltd.
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CUSTOMER	2012 BC SENIORS GAMES
CONTACT	WAYNE PEPPARD 718-386-5006
DATE	2012-JUL-13

PLAN #: **BC SENIORS GAMES 2012-
HILL CLIMB
BURNABY MOUNTAIN PKWY**

OWNED BY: CHRISTINE WONG

2000

c. The above analysis of conditions in the 1950s, 1960s and 1970s found that the economy was in a state of stagnation, with a low rate of growth and a high rate of inflation. This was due to a combination of factors, including a decline in the rate of technological innovation, a decline in the rate of capital accumulation, and a decline in the rate of population growth. The economy was also characterized by a high level of unemployment and a high level of income inequality.

ATTACHMENT # 2

BC SENIOR GAMES - AUGUST 24 - TIMED TRIAL



- Race starts at the Velodrome Club, heading east in the eastbound curb lane, then turn around at Petro Canada heading west in the eastbound inside lane, then turn around at Hastings & Inlet Dr, finishes at the Velodrome.



TABLE A

Positioning of devices on conventional roadways for various speed limits

Regulatory Speed Limit km/hr	50	60	70	80	90-100
Sign length for line closure	35	55	75	90	110
Sign length for line closure (1:100)	11.35	11.35	11.35	11.35	11.35
Sign length for line closure (1:100) where TCRs are used	5	8	10	12	15
Minimum distance between signs at intersections or roundabouts	10	10	10	10	10
Minimum distance between signs at intersections or roundabouts (1:100)	30	60	90	120	150
Minimum distance between signs at intersections or roundabouts (1:100) where TCRs are used	40	60	80	100	150

Comments: Signs are in metres and are minimums, except for 2'.
 (1) Signs and symbols are generally used in daylight but a sign at night must be retro-reflective.
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LEGEND

- TRAFFIC CONTROL PERSON
- LANE CLOSURE TRUCK
- TRUCK MOUNTED FAS
- TRAFFIC CONE (DELINEATOR) TYPE 'D'
- TRAFFIC SIGN LOCATION

- R - RCMP
- M - MARSHAL
- T - TRAFFIC CONTROL PERSON



ANSAN Industries Ltd.
 2600 Young Hwy, Burnaby, BC
 British Columbia V5G 1M2
 Tel: (604) 218-2754 Fax: (604) 218-1545
 Email: plans@ansan.net

CUSTOMER: 2012 BC SENIORS GAMES
 CONTACT: WAYNE PEPPARD: 778-386-5006
 DATE: 2012-JUL-13

PLAN #: 2012 BC SENIORS GAMES
 TIME TRIAL

DWG BY: CHRISTINE WONG
 PAGES:

THIS TRAFFIC PLAN HAS BEEN PREPARED BY ANSAN INDUSTRIES LTD. BASED ON INFORMATION PROVIDED BY THIRD PARTIES. EVERY EFFORT HAS BEEN MADE TO ENSURE THAT THE PLAN CONFORMS TO THE REQUIREMENTS OF THE MOTOR VEHICLE ACT (MVA) CHAPTER 31 AND REGULATIONS AND TO THE BC TRAFFIC CONTROL MANUAL. IMPLEMENTATION OF THIS PLAN WILL BE UNDER THE SUPERVISION OF ANSAN INDUSTRIES LTD.

BC SENIOR GAMES - AUGUST 25 - ROAD RACE

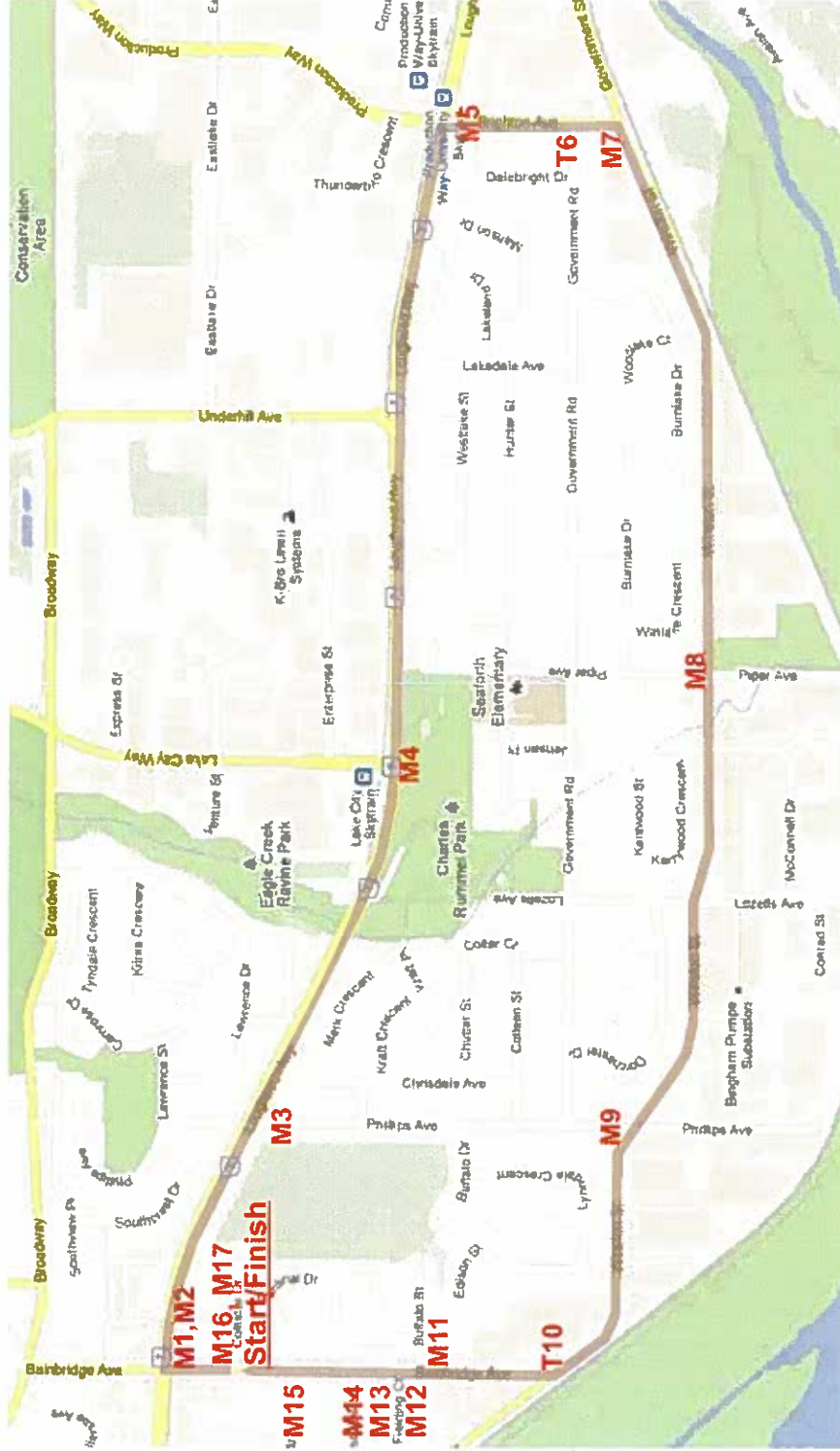


TABLE A

Positioning of devices on conventional roadways for various speed limits

	Regulatory Speed Limit	50 km/hr	60 km/hr	70 km/hr	80 km/hr	90-100 km/hr
1a	Sign height for lane square	35 (1:10)	55 (1:25)	75 (1:30)	90 (1:30)	110 (1:30)
1b	Sign height for lane square	5 (1:10)	8 (1:25)	10 (1:30)	12 (1:30)	15 (1:30)
2	Maximum distance between signs or between signs and other markers	10	10	10	10	10
3	Maximum distance between signs or between signs and other markers	30	60	90	120	150
4	Distance between signs	40	60	80	100	150

Distances shown are in metres and are minimums except for 1".
 Signs and other markers are generally used in the following manner:
 - Signs are used to indicate the location of the event and the route.
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 - Signs are used to indicate the location of the event and the route.
 - Signs are used to indicate the location of the event and the route.

LEGEND

- TRAFFIC CONTROL PERSON
- LANE CLOSURE TRUCK
- TRUCK MOUNTED FAB
- TRAFFIC CONE (DELINEATOR) TYPE 'D'
- TRAFFIC SIGN LOCATION
- BARRICADE
- CYCLING ROUTE
- MARSHAL



ANSAN
 TRAFFIC CONTROL
 Ansan Industries Ltd.
 2600 Young Way, Richmond
 British Columbia V6V 1N2
 Tel: (604) 278-5254 Fax: (604) 270-1545
 Email: plant@ansan.net

CUSTOMER 2012 BC SENIORS GAMES
CONTACT: WAYNE PEPPARD: 778-386-5006
DATE: 2012-JUL-13

PLAN #: 2012 BC SENIORS GAMES
TIME TRIAL

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