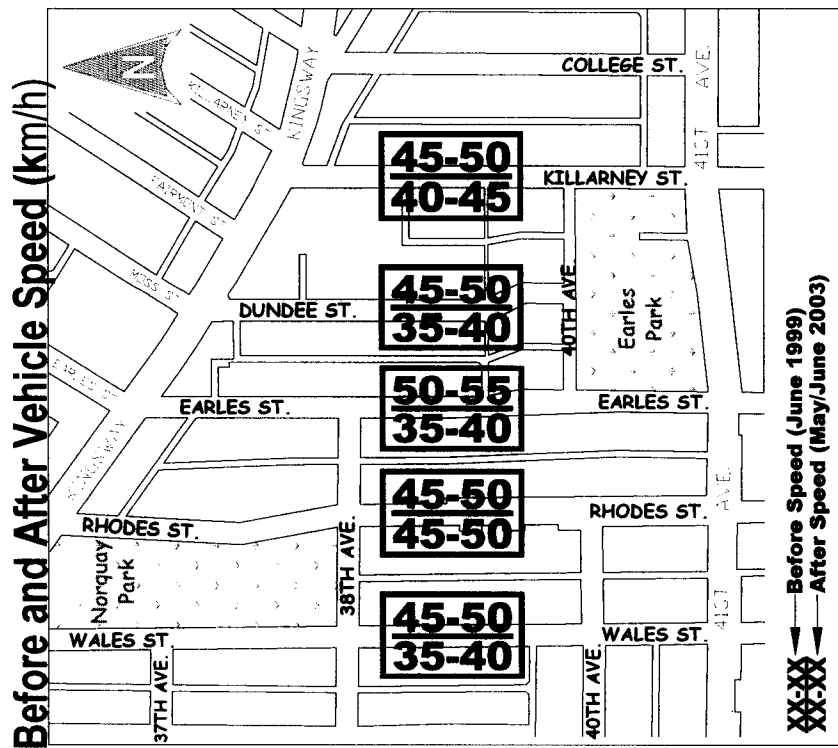
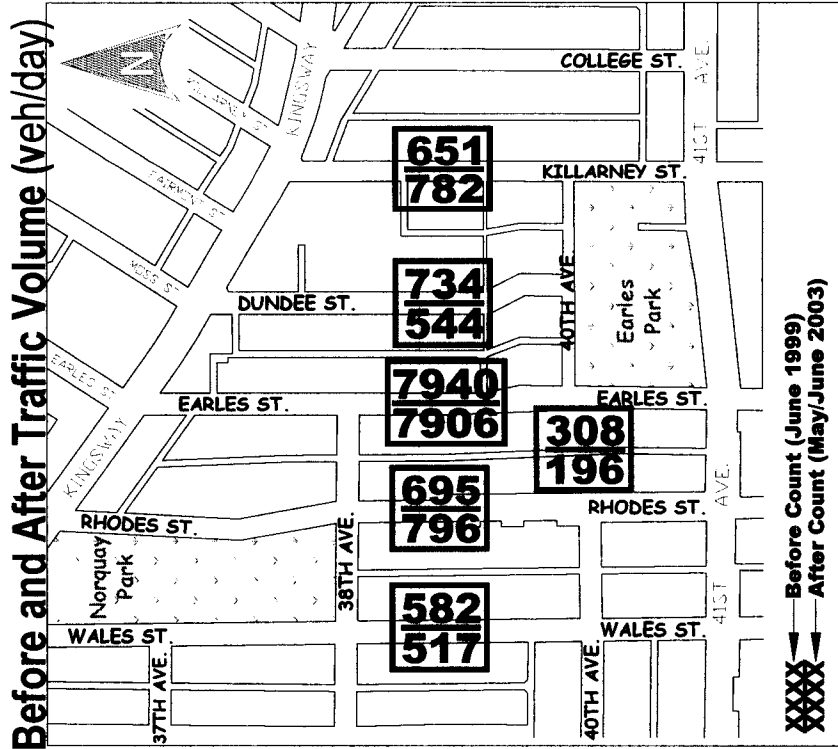


**APPENDIX A
SUMMARY OF TRAFFIC VOLUME AND SPEED DATA**



**APPENDIX B
ENGINEERING SURVEY**

ENG. LETTERHEAD

September 22, 2003

Dear Resident:

This survey seeks your opinion of making permanent the traffic circle at the intersection of Earles St. and 38th Ave.

As part of the Earles St. Community Traffic Calming Plan, the traffic circle was proposed and subsequently approved, by affected residents and Vancouver City Council. The circle is a non-diversionary measure intended to calm traffic on Earles St. Specifically, the circle was proposed to:

- Discourage speeding on Earles St.,
- Improve safety of the intersection by reducing the number of potential conflict point, and
- Increase appearance of the street, as landscaping would be placed in the centre of the circle.

The traffic circle was installed on a trial basis so its effect on traffic patterns could be monitored and adjustments be made if necessary. Further, residents would have an opportunity to evaluate the benefits and impacts before deciding on making the measure permanent. Please see figure on reverse for the traffic volume and speed data collected before and after the implementation of the trial circle. As you can see from the results of the before and after data, the trial measure has slowed vehicles down on most of the streets, while not causing significant diversion of traffic from Earles St. to adjacent streets.

Please fill out this survey and return it in the enclosed postage paid return envelope, or fax it to 604-871-6192. The results of this survey will be calculated and reported to City Council for a decision on whether the measure should be made permanent.

If approved, the cost for making permanent the trial traffic circle would not affect your taxes.

If you have any comments or questions, please call me at 604-873-7693 or email me at fred_lin@city.vancouver.bc.ca. If you would like to learn more about traffic circles, please visit: www.city.vancouver.bc.ca/engsvcs/transport/circles.htm.

In order to be counted, your response must be returned to Vancouver City Hall no later than Friday, October 10, 2003.

Yours truly,

Fred Lin, P.Eng.
Neighbourhood Transportation Branch



**NEIGHBOURHOOD
TRANSPORTATION
BRANCH**

**Earles St. Traffic Calming Plan-
Traffic Circle at Earles St./38th Ave.**

To validate this survey, please provide your name, address, postal code and telephone number. Personal information will remain confidential; however, your comments will be forwarded to Vancouver City Council for information. Please return this survey in the enclosed postage paid envelope, or fax it to 604-871-6192. Please call Fred Lin at 604-873-7693 should you have any questions.

Traffic Circle at the Earles St. and 38th Ave. Intersection

Name: _____

Address: _____

Postal Code: _____

Phone: _____

	Yes	Neutral	No
Do you support making permanent the trial traffic circle at the Earles St. and 38 th Ave. intersection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Would you like to be notified when this issue goes before Council?	<input type="checkbox"/>		<input type="checkbox"/>

Comments: _____

APPENDIX C SURVEY COMMENTS

Approval:

- As a car owner, old, and the way traffic goes today, they can't read stop signs. I hate them but if they serve the purpose I am for them.
- Excellent plan as I live on Wales and since the speed bumps were put in - traffic has become reasonable but maybe at the cost of Earles and Slocan? A circle would slow down traffic and save lives.
- For the safety of the people and the children I'm supporting this issue.
- Good, it is working.
- The traffic is calmer now.
- I hope the people on Earles agree with it as well.
- I must say that I am a reluctant supporter. If I lived on that street, it would be a good thing to have there as traffic is moving 10 km/h below the limit. However as the person paying for it, I would have to ask myself is it worth the cost? What is the cost?
- I think a permanent traffic circle at the intersection of Earles and 38th is definitely needed to slow down the traffic. I have still noticed cars speeding and the volume of traffic using Earles St. is still very heavy. Every weekend school kids are using Earles St. Cars are parked on both sides of the sidewalk. Speeding cars are therefore very dangerous.
- If we are serious about slowing traffic on Earles, the circle needs to be larger. Traffic bumps also should be installed as speed limit signs are ignored. Certainly bumps next to park might save a child's life. Finally the above may help to make this a safe bicycle route!
- In order to keep our street clear, how about a "no parking" sign on certain days and time for street cleaners to enable them to do their job more thoroughly? The circle must stay. It has certainly slowed down the traffic.
- It is necessary to ensure the safety of all citizens. I strongly believe that it is a good idea and I support making the traffic circle permanent, especially the park users at the 41st and Earles St. use it consistently.
- Landscaping must be visible enough but not blocking motorists' view, in order that cars do not end up hitting the rotunda and straddling on top of it. There had been accidents in this spot of that nature - in spite of the signs in the middle of the roundabout or circle.

- Please make permanent the traffic circle as soon as possible and making it a bit bigger. The traffic circle is too small so cars don't slow down enough. That's why it's not causing significant diversion of traffic from Earles St.
- The circle slowed down traffic but the volume is worse than ever. A lot of big business trucks using Earles when this first started. We wanted turn signals at Kingsway & Earles.
- There are too many cars at Earles & 38th. We are afraid there is a safety issue. There are lots of kids in these areas. Meanwhile traffic makes lots of noise. Sometimes we can't sleep at night.
- There is too much traffic and speedsters on our street.
- I fully support the above mentioned plan.
- I like that the traffic circle has slowed speed without reducing numbers. I also think the circle makes traffic turning at 38th safer.
- I think the best way you slowed traffic on Earles was the crossing at Earles & 40th, but it looks like your goal was accomplished. So long as there is room for fire engines to get past the circle, I approve of it.
- Make the circle smaller. Because it is too big for the intersection as traffic from 38th Ave to Earles is not much.
- Please make the traffic circle wider. It is too small and many smaller vehicles just ignore it. The speed bump at the park has really helped cutting down on speeding. Thank you. Good job.
- Thank you for installing the traffic circle. People still speed significantly on Earles. Would it be possible to add another speed bump between the traffic circle and the 40th speed bump? This is where people increase speed. The speed bump by 40th slows down traffic and is a great height.
- The circle isn't large enough. The northbound traffic zooms right through it. From last efforts the pavement on the east side of Earles at the circle is too low causing a large water puddle when it rains. I think the curbs should be bumped out to slow the traffic around the circle. Maybe some bumps between Kingsway and 38th Ave.
- The circle should be bigger in order to get the good result in reducing speed and calming down traffic on Earles St. Right now, I don't see any difference.
- The traffic circle at Earles must be permanent because it slows down the speed of these nasty drivers; can you image they are driving at 45 mph. When I saw their speed, it scared me. This is not a highway. Without this traffic circle there will be future fatal accidents at this intersection.

- The traffic flow is too heavy on Earles Street. Please divert some traffic flow to adjacent streets.
- There is more traffic on Killarney off 41st Ave now and more speed even with a hump and a school part way down the street.
- There seems to be a large increase in the volume of traffic on Rhodes St. and Killarney St. We would like to see further measures taken to slow traffic on Wales from 38-41.
- Traffic circle is too small to have any effect on reducing traffic. As you can see the data collect. Either make the traffic circle bigger or don't at all because you guys are wasting tax payer's money. There should be a no left turn traffic sign on 41st Ave and Earles between 10 am to 7:00 pm and no trucks allowed between Kingsway/Earles and 41st/Earles.

Disapproval:

- We do not want the circle in front of our house because of the following: 1. it does not decrease traffic. 2. It creates more air pollution in our area. There is an increased car exhaust and break dust from cars slowing and speeding up. 3. The change of the sidewalk covered up the storm drain and created a "lake" like puddle of water next to the traffic circle. When cars drive on this puddle pedestrians will get sprayed.
- Circle does not appear to have achieved its purposes. Many accidents noted of cars going over the circle - very dangerous especially at night. Suggest speed bump instead. People diverge around the circle and cut into my lawn - on rainy days my lawn is just mud because of tires running over it.
- We have found that traffic has not slowed down. It's too busy a street. Not having a stop sign there are too many accidents. We do not recommend it at all.
- Put a 3 way stop sign at the intersection of Earles and 38th instead of making permanent traffic circles so that both vehicle speed and traffic volume may be reduced at the same time.
- Drivers don't know how to use these traffic circles properly. This one in particular doesn't seem to have the space east-west north-south to warrant a permanent one. A serious accident is just waiting to happen. 100 car increase on Rhodes St. proved that cars are using Rhodes instead of Earles in order to avoid the so called traffic circle. Off Earles onto Rhodes to avoid traffic lights at Earles and the circle.
- Don't see where circle cut down speed on Earles. Making left on 38th you're liable to get hit on left side by vehicle behind you making left without using the

circle. Put in some good speed humps on Earles and stop signs on 38th at Earles.

- Traffic continues to be high. High speed around the circle is possible and frequent occurrence. Difficult for neighbourhood traffic to enter the circle given high traffic and high speed.
- Left turns around circle would be extremely dangerous under many conditions because the turn is quite tight. As well, you have to worry about the numerous oncoming cars at the same time under those conditions.
- I feel that the traffic circle at 38th and Earles and the raised sidewalk at 40th Ave and Earles have made no significant improvement to the traffic flow on Earles. Therefore I do not feel that the above modifications and all the additional changes justify the expense at this time.
- Due to the "offset" intersection of the location, the circle is unable to construct at the centre of the "offset" intersection, which encourages a lot of drivers not to follow the traffic regulation - bypass the circle. Put a permanent traffic circle there will only create more accidents. Stop signs will be more appropriate at that location.
- People don't know how to use traffic circles; they do not yield. Therefore, the circle is more of a hazard due to their ignorance of traffic etiquette/rules.
- It creates a lot of problems if you drive a truck - it creates a traffic jam.
- I would like to suggest a four way stop instead of traffic circle. The circle makes the road too narrow.
- This traffic circle is nothing more than a nuisance.