



NEIGHBOURHOOD TRANSPORTATION SAFETY AUDIT

The Safer City Initiative is a partnership between the District of Saanich, ICBC and the community. The goal is to improve road safety throughout Saanich regardless of whether you walk, cycle, use transit or drive.

One of the Safer City projects is a **Neighbourhood Transportation Safety Audit**. The North Quadra community has been selected as the first neighbourhood to participate in this project. The aim of the Audit is to:

- identify the road safety issues in your community and to
- prioritize these issues.

At the North Quadra Residents' Association AGM, held in January, a working group was established to represent the North Quadra community. The group includes representatives from schools as well as members of the Residents' Association.

The first task of the working group is to compile a list of all the road safety issues in the community.

NORTH QUADRA NEIGHBOURHOOD TRANSPORTATION SAFETY AUDIT

BACKGROUND

Need for Neighbourhood Transportation Safety Audit

The *Safer City* questionnaire showed that many residents had concerns about traffic safety in their neighbourhoods, including excessive speed, “cut through” traffic and inadequate facilities; e.g. sidewalks, crosswalks, bike routes.

To focus its resources and efforts on areas of highest need, *Safer City* works mainly on collectors and arterials. City staff also have limited capacity to effectively deal with road safety issues in each neighbourhood.

In order to address such neighbourhood issues, *Safer City* and the local communities need to develop working partnerships.

Consultation Process

Community consultation is fundamental to the NTSA process:

- the community identifies the road safety issues in their neighbourhood, through questionnaires, open houses and/or drive or walk-about
- a community-based working group prioritizes the issues and helps develop possible solutions to these
- an implementation plan is prepared.

The benefits of working in this consultative manner are community awareness and support for proposed improvements in the neighbourhood, possibly including compliance with desired behaviour. Residents can also develop a sense of ownership of improvements in their own community.

Candidate Measures

Multi-disciplinary road safety measures are considered for implementation in a NTSA. There is also potential interaction with the Safer School Travel and Traffic Calming activities.

Candidate engineering measures include traffic calming and bicycle and pedestrian infrastructure. The community can also contribute through Speed Watch and school-based initiatives.

Implementation

There is no dedicated funding for NTSA so not all recommendations may be immediately acted upon.

Projects can be put on a priority list or the City may be able to adjust their program to implement high-priorities. If there are planned projects in an area then it may be possible to link the NTSA projects to those.

Community initiatives, e.g. Speed Watch can be applied as interim measures.

PROCESS FOR QUADRA NTSA

Selection of Neighbourhood Area

- The Saanich Engineering department recommended the North Quadra area as the first neighbourhood to participate in the NTSA process.
- A presentation was made, by the Safer City coordinator, to the executive of the North Quadra residents association. They agreed to participate in the project.
- The coordinator then made a presentation at the AGM of the North Quadra residents' association. A request was made for volunteers to participate as working group members.

Working Group

- A number of people volunteered and a working group was formed.
- Representatives from the three schools in the area were also invited to be part of the working group. The principals of Lakehill School, St Margaret's School and Rogers Elementary all became members of the working group. St Andrews High School declined the invitation to be on the committee.
- There were 12 members.

First Meeting

- At the first working group meeting the residences of the working group members were plotted on a map to ensure that each area of the community was represented.
- It was established that the working group was satisfied that the current members fairly represented the community.
- The NTSA process was explained to the working group. The role of the working group was outlined as follows:
 - i. identify community road safety issues
 - ii. prioritize the issues
 - iii. be given an opportunity to give suggestions for solving the issues
- It was emphasised that there was no guarantee of implementation of solutions. There was no dedicated funding for NTSA so not all recommendations may be immediately acted upon. Projects could be put on a priority list or the City may be able to adjust their program to implement high-priorities.
- The group was given an opportunity to express their road safety concerns in the area. The issues were

Community Survey

recorded and plotted on a map.

- To gather the community road safety issues a survey was developed by the working group.
- It was delivered by the residents' association, with their newsletter, to every household in the North Quadra area. (2,000 surveys were distributed)
- Drop boxes were provided in all areas of the neighbourhood as well as at the three schools.
- The survey could also be submitted on-line on the Saanich web-site.
- An e-mail address and telephone number were given as alternative ways to express concerns in the neighbourhood.
- Survey forms were left at the Commonwealth Recreation Centre
- There was an article in the Saanich News encouraging residents to fill out the survey and giving information on the various methods available for expressing road safety concerns in the North Quadra area.

Results of survey

- 102 surveys were returned.
- 533 issues or concerns were identified.
- Each issue was recorded into the PlanetGIS data base – recorded by location and type of issue.

Final list of issues

- Issues were sorted by frequency (number of times the same issue at a particular location was recorded)
- Any issue with the frequency of 2 or less was excluded from the list of issues
- Survey results were then summarized (see attached document for summary of survey results)
- A draft final list of issues was then developed by the coordinator by:
 - i. combining similar issues or dependent issues at the same location e.g. left turns, pedestrian crossings and traffic lights at Beckwith/Quadra were combined to be one issue - Intersection
 - ii. excluding all issues with a frequency of 3
- A separate list of all the issues with the frequency of 3 was compiled as well as the original list of issues identified by the working group at the first meeting.
- The draft final list also indicated which of the issues

were original issues identified by the working group.

- For comparison the draft final issues were also plotted, in a different colour, on the original map showing working group issues .
- All this information was presented to the working group. (see attached)
- They discussed which of the original working group issues not in the final list should be included in the final issues. There had to be a majority vote to include an issue. They could also vote to include any of the issues with the frequency of 3.
- They also combined some of the issues.
- The final list comprised 30 issues. (see attached)

Prioritizing issues

- Each working group member was given 10 votes.
- They could only “spend” a maximum of 3 votes on any one issue.
- Stickers were used as “votes” and were placed on a voting sheet (see attached)

Results

- The results were as follows – from highest priority to lowest. Number of votes in () .

1. Ambassador/McBriar/Lucas/Nicholson/Lucas - cut through traffic (14)

2. Cedar Hill X - speeding and congestion (10)

3. Beckwith/ Quadra - intersection (9)

4. Borden/McKenzie – intersection (4)

5. Morris/Cedar Hill/Borden – sidewalks (4)

6. Quadra – left turns (3)

7. Clatworthy/Morris – pedestrian crossing (2)

8. Borden/Cedar Hill/Lochside - bicycle routes (2)

9. Douglas – sidewalks (2)

10. McKenzie/Quadra –intersection (2)

11. Quadra – pedestrian crossings (2)

- 12. Ambassador /Quadra – intersection (1)**
- 13. Lucas – sidewalks/school routes (1)**
- 14. McKenzie – bicycle routes (1)**
- 15. Quadra – speeding (1)**
- 16. Quadra/Rogers – intersection (1)**
- 17. Beckwith Park – parking (0)**
- 18. Borden/Nicholson – stop sign required (0)**
- 19. Douglas – speeding (0)**
- 20. Kincaid/Lily – left turns (0)**
- 21. Lucas –parking (0)**
- 22. McBriar – speeding (0)**
- 23. Nicholson – parking (0)**
- 24. Panorama/Quadra – intersection (0)**
- 25. Quadra – bicycle routes (0)**
- 26. Quadra – sidewalks (0)**
- 27. Quadra – parking (0)**
- 28. Quadra – school routes (0)**
- 29. Rogers – parking and congestion (0)**
- 30. Saanich – speeding (0)**

NORTH QUADRA NEIGHBOURHOOD TRANSPORTATION SAFETY AUDIT SURVEY RESULTS

Number of Surveys	2,000
Number of responses	102
Number of identified concerns	533

Summary of All Concerns				
Concern	Sub-Concern	Sub-Frequency	Total	%
Speeding	Speeding	68	70	13
	Speed limits	2		
Sidewalks			61	11
Left Turns			61	11
Cut-through			52	10
Pedestrian crossings			51	10
Traffic lights			47	9
Congestion			42	8
Stop signs	General	23	36	7
	Required	13		
Parking			30	6
Bicycles	Facilities	2	29	5
	Routes	25		
	Behaviour	2		
School Routes			23	4
Maintenance	General	2	13	2
	Sidewalks	11		
Transit			9	2
Other/Visibility			5	1
Other/Road Markings			4	1

Summary of all locations with number of concerns	
Quadra	188
General	62
Beckwith	59
Cedar Hill X	56
McKenzie	46
Ambassador	36
Rogers	33
Borden	31
McBriar	26
Nicholson	25
Lucas	22
Morris	21
Saanich	19
Tuxedo	18
Douglas	16
Lily	12
Lochside	10
Cameo	8
Kincaid	7
Kildonan	6
Belvedere	3
Clatworthy	2
Bracken	2
Willow	2
School Zones	2
Lark	1
Kenneth	1
Jolivet	1
Galloping Goose	1

TOP 7 CONCERNS WITH LOCATIONS

Speeding		Sidewalks	
	#		#
Quadra	20	General	9
Cedar Hill X	7	Douglas	8
Douglas	4	Lucas	8
McBriar	4	Morris	6
McKenzie	3	Quadra	6
Nicholson	3		

Left Turns		Cut-through	
	#		#
Quadra	14	Ambassador	9
Beckwith/Quadra	12	McBriar	7
Kincaid/Lily	4	Nicholson	7
McKenzie/Quadra	4	General	5
Panorama/Quadra	3	Cedar Hill X	5
Quadra/Rogers	3	Lucas	3
Saanich	3		

Pedestrian Crossings		Traffic Lights	
	#		#
Beckwith/Quadra	13	Beckwith/Quadra	21
Quadra	6	Ambassador/Quadra	5
Panorama/Quadra	4	Quadra/Rogers	5
Quadra/Rogers	4	General	5
Quadra/Saanich	3		
General	3		

Congestion	
	#
McKenzie/Quadra	9
Cedar Hill X	6
Borden/McKenzie	5
General	4
Rogers	3

TOP 8 LOCATIONS WITH CONCERNS

Quadra		General	
	#		#
Left Turns	42	Sidewalks	9
Traffic Lights	39	Stop Signs	8
Pedestrian Crossings	36	Traffic Lights	5
Speeding	21	Parking	5
Congestion	10	Cut-through	5
		School Routes	5
		Speeding	4
		Transit	4
		Congestion	4
		Pedestrian c.	3
		Bicycle Routes	3

Beckwith		Cedar Hill X	
	#		#
Traffic Lights	21	Congestion	11
Pedestrian Crossings	15	Speeding	9
Left Turns	12	Pedestrian Crossings	5
Speeding	4	Bicycle Routes	5
Parking	3	Cut-through	5

McKenzie		Ambassador	
	#		#
Congestion	16	Cut-through	11
Traffic Lights	4	Traffic Lights	6
Left Turns	7	Stop Signs	4
Bicycle Routes	6	Left Turns	3
Speed	3		

Rogers		Borden	
	#		#
Pedestrian Crossings	8	Congestion	8
Traffic Lights	5	Stop Signs	6
Congestion	5	Speeding	3
Parking	4	Pedestrian Crossings	3
School Routes	3	Bike Routes	3
Left Turns	3		

TOP 5 INTERSECTIONS

Intersection	#	%
Beckwith/Quadra	47	9
McKenzie/Quadra	19	4
Quadra/Rogers	12	2
Ambassador/Quadra	10	2
Panorama/Quadra	9	2

INTERSECTIONS WITH CONCERNS

Beckwith/Quadra			McKenzie/Quadra		
	#			#	
Traffic lights	21		Congestion	9	
Pedestrian cross	13		Left Turns	4	
Left Turns	12				

Quadra/Rogers			Ambassador/Quadra		
	#			#	
Traffic Lights	5		Traffic Lights	5	
Pedestrian cross.	4				
Left Turns	3				

Panorama/Quadra		
	#	
Pedestrian cross.	4	
Left Turns	3	



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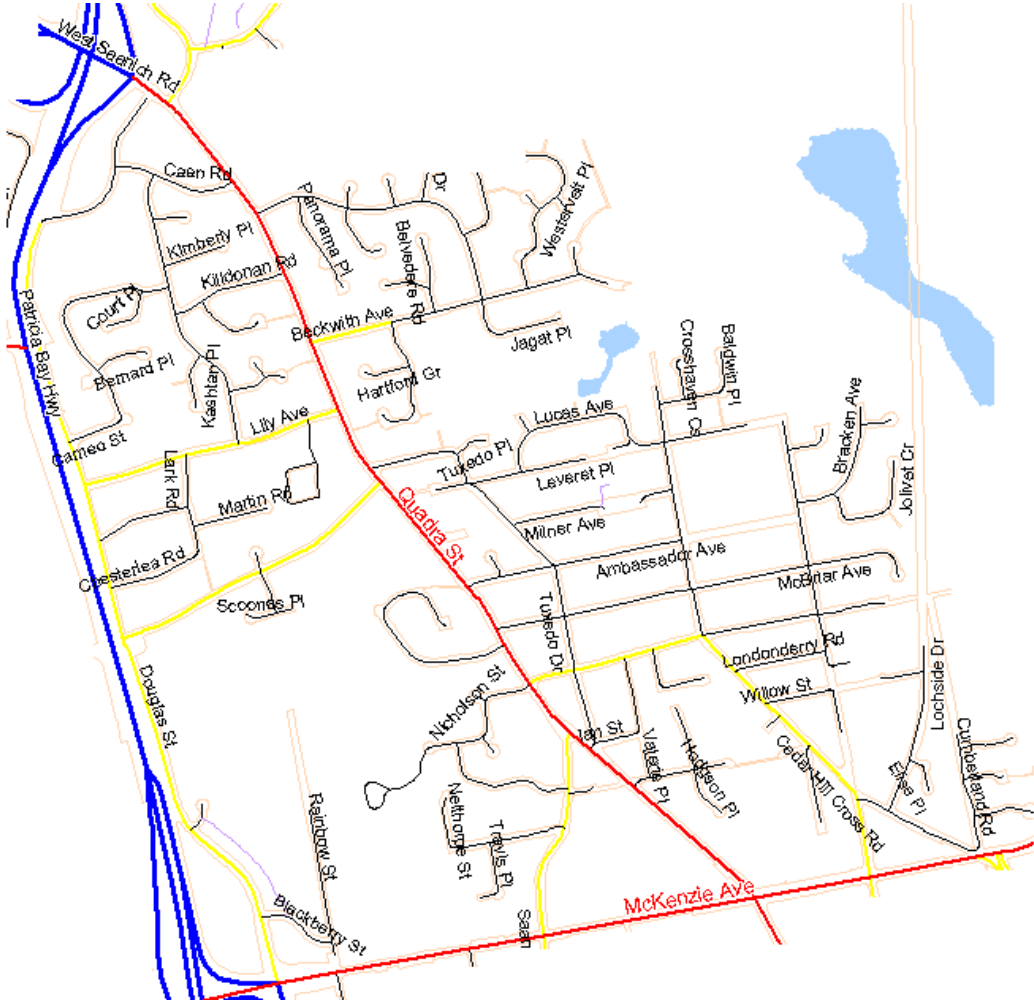
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The first task of the working group is to compile a list of all the road safety issues in the community.

Your input is important. Please take a few minutes to complete the attached survey and return it by May 23, 2003.

Mailing address	Drop Box locations
<p>Safer City Coordinator Engineering Department 770 Vernon Avenue Victoria V8X 2W7</p> <p>If you prefer:</p> <p>Submit on-line.....</p> <p>W E B</p> <p>www.gov.saanich.bc.ca/community/safercity</p> <p>or</p> <p> e-mail us.....</p> <p>Saanichsafercity@telus.net or</p> <p> call us.....</p> <p>475-5488 (mailbox #6693)</p>	<p>Main office at</p> <ol style="list-style-type: none">1. Lakehill Elementary 1031 Lucas Avenue2. Rogers Elementary 765 Rogers Avenue3. St Margaret's. 1080 Lucas Avenue <p>Or any of the following:</p> <ol style="list-style-type: none">4. 4122 Tuxedo Drive5. 847 Cameo Street6. 945 Lucas Avenue7. 4076 Cedar Hill X Road8. 1143 Nicholson

NORTH QUADRA AREA



NORTH QUADRA TRANSPORTATION SAFETY AUDIT

If you have any Road Safety issue(s) at a location(s) in the North Quadra area (see attached map for area), please complete the appropriate section(s) below.
Please rate the section(s) as high, medium or low priority road safety issue(s).

Sidewalks High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/>	
Location	Issue
e.g. Cedar Hill Cross Road	<u>Lack of sidewalks, especially for students walking to school</u>

Pedestrian crossings High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/>	
Location	Issue

Traffic lights High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/>	
Location	Issue

Stop signs (4-way/2-way) High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/>	
Location	Issue

Left turns High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/>	
Location	Issue

Speeding /Speed Limits High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/>	
Location	Issue

Parking High Medium Low

Location	Issue

Congestion High Medium Low

Location	Issue

Cut-through traffic High Medium Low

Location	Issue

Bicycle routes High Medium Low

Location	Issue

School Routes (issues not already noted in any of the above)

High Medium Low

Location	Issue

Transit High Medium Low

Location	Issue

Other road safety issues High Medium Low

Location	Issue