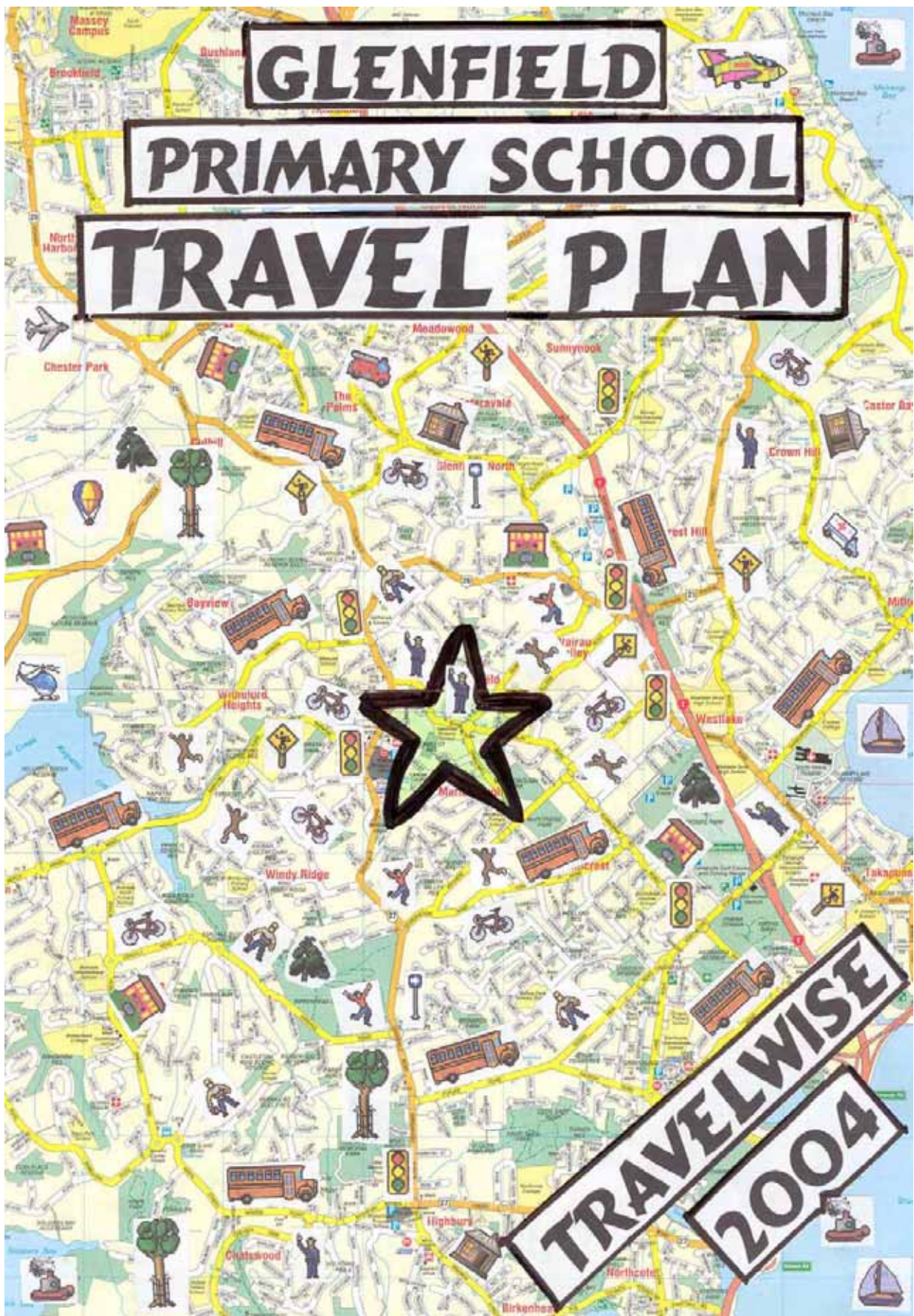


# GLENFIELD PRIMARY SCHOOL TRAVEL PLAN



**TRAVELWISE  
2004**

**Front cover design by student: Lucy Blundell**

**Back cover design by student: Ivana Vaglenarova**

*This plan reflects the combined efforts of the school, parents, students, residents, Glenfield Community Board, North Shore City Council and ARTA (Auckland Regional Transport Authority).*

*It represents the beginning of a long-term process to prevent traffic congestion at the school gate and provide safer school journeys.*

*It is a living document, which will be reviewed annually and updated to reflect changes to the environment and the school community.*

*Travelwise to School is part of a worldwide movement in travel demand management and sustainable transport.*

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## INTRODUCTION

School travel has a key contributing impact on congestion in the North Shore City. Education related travel makes up 40% of all morning peak traffic in the Auckland Region. The number of school related car journeys have almost doubled from 1989 –1998 (LTSA, 2002). The car is now the most common mode of transport for travel to and from school and subsequently, the increase in car journeys to and from school has resulted in increased safety concerns for children who (or who wish to) walk or cycle to and from school.

Pedestrian related crashes make up 14% of injury crashes and 25% of fatal crashes in the North Shore. A high proportion of pedestrians that were involved in crashes were in the age range of 14 years or younger. The 14 years and younger age group represented 35% of the total pedestrian crashes. Most pedestrian crashes occurred during the day with the peak times being the school travel times of 3pm to 4pm and 8am to 9am (LTSA<sup>1</sup>, 2002).

The “North Shore Travelwise to School Project” aims to address a number of areas such as safety, health, sustainability, alternative travel modes and environment. The Travelwise to School programme was originally instigated by North Shore City Council in February 2002 with 3 schools. It is the first programme of its kind in New Zealand, which has involved a school and its local community in the development of a School Travel Plan. Since the beginning of 2004, 20 schools across the North Shore have been involved in the programme.

Travelwise to School is a programme based upon a process of community consultation. The end result is a school Travel Plan, which encourages the reduction of congestion (e.g. Chaos at the School Gate), improving local road safety (e.g. increased student education, community awareness raising, engineering improvements, etc) and encouraging alternative modes of transport to and from school. The process of developing a Travel Plan (similar to the Safe Routes to School programme) identifies a comprehensive set of strategies to improve safety of all travel modes. The process also ensures a high level of community and stakeholder buy-in to the agreed strategies.

Successful travel planning requires knowledge of current modes of transport used and reasons why these are used. To this end, surveys were distributed among parents, children and staff; residents were also surveyed. A 3-D mapping exercise called ‘Planning for Real’ provided information on safety concerns around the school, a visual depiction of clusters of families, and clusters of children that would like to walk or cycle.

A travel report was written from the data collected from the surveys and this provided information for the working party. This Travel Plan is a result of the work of the Glenfield Primary School Working Party, members of whom can be seen on page 6.

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<sup>1</sup> For more information go to [www.ltsa.govt.nz](http://www.ltsa.govt.nz)

## SCHOOL CHARACTERISTICS

### SCHOOL COMMUNITY CHARACTERISTICS

Glenfield Primary is a medium size primary school, with a roll of 472 students in 2004. It is a Decile 7, contributing, state, co-ed school. It has 22 classes supported by 33 staff in total. Students are of mixed ethnicity, with approximately 45% European, 6% Maori, 4% Pacific Islands, 14% Asian and 31% of 'other' ethnicity. (Information provided by the school).

The school is situated on Chivalry Rd. It has two entrances. The main entrance is the road frontage on Chivalry Rd with two parking areas, one outside the main office and one further up at the other end of the school. There is also another entrance from the lower fields from the walkway through Park.

The school roll was plotted on a GIS map prior to surveying being conducted.

Glenfield intermediate School is situated approximately 500 metres along Chivalry Rd and it is likely that many families in the area will have children at both schools.

Pedestrian safety, bike safety and passenger safety programmes are taught at all levels in the school. The school also has special policies in place regarding parent pick up/drop off safety, bike safety, school patrols and pupil safety. These are outlined in the Parent Manual given to all parents.

### CONSULTATION

The consultation involved a series of steps, which are described below.

#### **Step 1: Defining current transport patterns and inviting views on local road safety issues**

- ◆ Completion of a student questionnaire to find out how they travel to and from school and how they would prefer to travel.
- ◆ Completion of a parent questionnaire to find out how students travel to and from school and if alternative systems of transport would be considered.
- ◆ Completion of a staff questionnaire to find out methods of travel to and from school and issues they identified.
- ◆ A resident flyer was distributed with an optional feedback section on traffic behaviour associated with the school.

Part of the survey involved asking students and parents to identify their areas of concern with regard to local road safety. A key focus to this stage was a 3D map of the area and request for information on potential / real hazards to travelling to and from school. A flyer was developed summarising the findings from the surveys. This was distributed to the families enrolled at the school.

#### **Step 2: Developing the Draft School Travel Plan**

A working party was established for the school. This consisted of school staff, parent representatives, local residents, a representative from the Glenfield Community Board, and representatives from North Shore City Council. This group developed the School Travel Plan.

The following people contributed to the plan:

**GLENFIELD PRIMARY SCHOOL**

Fiona Cavanagh Principal  
 Michelle Burrows Lead Teacher – Travelwise  
 Tanya Leef Lead Teacher - Travelwise  
 Bruce Masefield Parent and Kids Klub Director  
 Martin Scott Parent and Resident  
 Terry Coleman Parent

**NORTH SHORE CITY COUNCIL**

Tom Morton Transport Services Manager  
 Isy Kennedy Travelwise Co-ordinator  
 Warren Budd Travelwise Traffic Engineer  
 Gerald Sharrock Glenfield Community Board

**ARTA (Auckland Regional Transport Authority)**

Bronwyn Coster School Travel Co-ordinator

**Step 3: Community Feedback on Strategies**

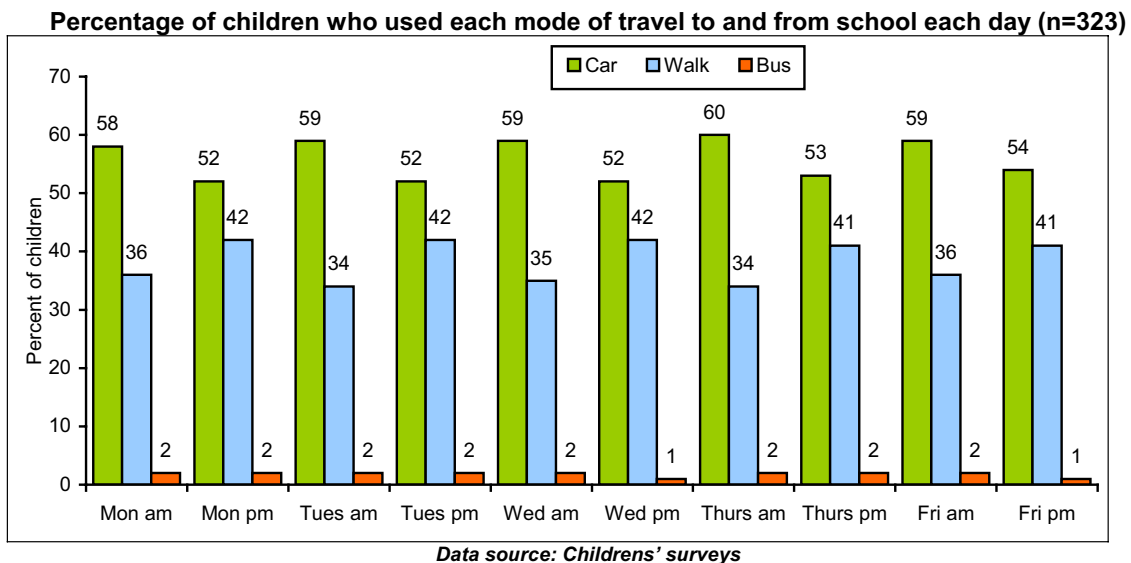
Parents and residents were invited to express their views on the draft strategies of the Travel Plan by viewing them online at the Council’s website. A flyer to residents was delivered to 200 houses in the school zone requesting their feedback via the website. They could also pick up a copy of the draft travel plan from the school office.

**Step 4: Finalising the Plan and Launch**

The working party reviewed feedback from Step 3. The travel plan was launched at a school assembly held on July 8<sup>th</sup>, 2005. The travel plan was signed by stakeholders involved with ensuring the strategies are actioned.

**RESULTS OF THE CONSULTATION**

**FINDINGS FROM THE STUDENT SURVEYS**



### Key points:

- ◆ Just over half of the children travelled to and from school by car (56%)
- ◆ Slightly higher proportions of children travelled to school by car in the morning than in the afternoon
- ◆ On average, 35 children walked to school each morning and 42 children walked home in the afternoons.
- ◆ Most car travel is in parents cars
- ◆ Very few children catch a bus to and from school

The results of the above graph compare similarly to other TravelWise schools on the North Shore. For example more children walk home in the afternoon, than walk to school in the morning.

### FINDINGS FROM PARENTS' SURVEYS



*A car turning right from the staff car park*

### KEY FINDINGS

- ◆ On a dry day the predominant mode of travel to and from school is by car (56%).
- ◆ Just over one third (38%) walk to and from school each day.
- ◆ These numbers change significantly on a wet day, with even higher numbers of children being driven to and from school.
- ◆ Children's preferred mode of travel to and from school is by car, suggesting that choice is influenced by learned behaviour.
- ◆ Approximately 19% of parents are interested in carpooling.
- ◆ Approximately 25% of parents are interested in a school bus service.
- ◆ Approximately 33% of parents are interested in using the Walking School Bus.
- ◆ Traffic speed and traffic congestion outside the school gate are a major concern.
- ◆ Lack of parking for parents and staff is a concern.
- ◆ Parent driver education needed on double parking, parking on broken yellow lines, and parking too close to driveways, intersections and corners
- ◆ Speed enforcement is required near the school, or trialling a 30 kph school speed zone.
- ◆ Police parents parking habits. Possibly arrange monthly visits by NSCC park safe officers.
- ◆ Traffic calming measures required for Chivalry Road.
- ◆ Investigate engineering suggestions for a safe crossing on Chartwell Road and Bentley Avenue, and Weldene Avenue.

## TRAVELWISE STRATEGIES

### ENFORCEMENT

Objective	Action	Time Frame	Stakeholders
1. To reduce traffic speed outside the school on Chivalry Road	1.1 Use the ACC speed trailer 1.1 Conduct traffic/speed counts 1.2 Parent education	Ongoing	Glenfield Primary School  NSCC Road Safety Co-ordinator
2. To improve parent parking attitudes	2.1 Parent Education 2.2 Ticket enforcement 2.3 Regular monthly scheduled visits by NSCC Park Safe Officers	Ongoing	NZ Police Glenfield Primary School NSCC Road Safety Co-ordinator NSCC Parking Officers
3. To review signage on streets adjacent to school	3.1 Improve the signs in the staff car park/drop off Zone, eg. No Right Turn No stopping Do not leave your car	Ongoing	Glenfield Primary School
4. To prevent parents from parking in the school car park (blocking staff cars).	4.1 The school to use preventative measures ie signage, cones or a chain to block the entrance.	Ongoing	Glenfield Primary School
5. To reduce the stray dog problem	5.1 Encourage parents and students to report instances of barking and stray dogs to NSCC Actionline Actionline Tel: 486-8600	Ongoing	NSCC Actionline



***Safety issues in the Church car park.***

## EDUCATION

Objective	Action	Time Frame	Stakeholders
6. To promote TravelWise to the school community	6.1 Promote through the school newsletter and a resident flyer Information event to promote Travelwise School Plan and get buy in from the Parent and Resident community	Term 3 2005 and ongoing	Glenfield Primary School NSCC Parent community Resident community
6. To increase awareness surrounding protocol at the drop-off zones	6.1 Investigate areas adjacent to the school to site new zones for drop off and pick-up. Educate parent community on alternative drop off and pick up zones	Term 3 2005 and ongoing	Glenfield Primary School NSCC
7. To increase awareness of local access ways, walkways and cycle lanes to the school	7.1 Create a map showing all walkways, cycleways etc. 7.2 Distribute with the school newsletter each term Use the information to hand out at school functions, parent interviews etc.	Term 3 2005 and ongoing	Glenfield Primary School NSCC
8. To provide ongoing road safety education to the children and parent community	8.1 Road Sense Program 8.2 Road Safety programs i.e. ACC 8.3 Travelwise newsletter/ column to parents 8.4 Distribute flyers on Road Safety to parents 8.5 Travelwise section on the school's website including Travel Plan	Ongoing	LTNZ Road Sense Lead Teacher - Glenfield Primary School ACC Police Education Officer – NZ Police  Glenfield Primary School NSCC Road Safety Co-ordinator
9. To review Road Safety Policy	9.1 Update existing Road Safety Policy 9.2 Review the method of dissemination of the policy information.	Completed 2004 and ongoing	Glenfield Primary School
10. To promote walking to school.	10.1 Promote specific events such as 'Walk to School Day'. 10.2 Provide regular information on walking (eg. Health benefits) 10.3 Develop promotional material for new school entrants' packs on correct parking practises and road safety around the school zone.	Term 3 , 2005 and ongoing	Glenfield Primary School LTNZ Road Sense Co-ordinator NSCC Road Safety Co-ordinator  Health Promoting Schools

11. To ensure that Glenfield Primary students are aware of strategies to use for personal safety outside the school grounds...i.e. bullying.	11.1 Teach 'KOS' and 'Kia Kaha' police education programmes 11.2 Continued reinforcement through newsletters, class programmes, assemblies etc. about what to do if bullying occurs	Feb. 2005	Police Education Officer NZ Police  Glenfield Primary School
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## ENGINEERING

Objective	Action	Time Frame	Stakeholders
12. To monitor traffic and enforce the speeds within the School Zone	12.1 Install clear road marking messages on the road to denote pedestrian crossing ahead (e.g., zig zag markings like those in Australia)  <b>Suggestion:</b> <i>Glenfield Primary School be a pilot school for these new type of road markings</i>	Dependent on Auckland City Council trial	NSCC  Glenfield Community Board
13. To increase pedestrian safety in school zone	13.1 Investigate appropriate pedestrian crossings on key streets, e.g., A. Chartwell Rd and Bentley Ave intersection B. Weldene Avenue C. Investigate signage approaching the school "Don't run the red light" signs at Chivalry Rd and Chartwell Drive intersection.	Term 3 2005  Term 3 2005  Term 3 2005	NSCC  Glenfield Community Board
14. To ease traffic congestion and improve children's safety outside the school entrance	14.1 Investigate a drop-off and pick up zone within the school zone.	Term 3 2005	NSCC Glenfield Community Board
15. To prevent an accident or fatality occurring in Church carpark next to school (due to inconsiderate drivers).	15.1 Glenfield Presbyterian Church to restrict use of their car park except for special school events	Ongoing	Glenfield Presbyterian Church

16. To provide additional parking for staff cars.	16.1 Investigate creation of extra staff parking	Term 4, 2005	Ministry of Education
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## ALTERNATIVE TRANSPORTATION

Objective	Action	Time Frame	Stakeholders
17. To reduce chaos at the School gate	17.1 To promote Walking School Bus Routes 17.2 Contact those parents who volunteered to help with WSB (via the surveys). 17.3 Organise a WSB volunteers meeting and review routes 17.4 Promote WSB in health units	Term 3 2005 and ongoing	Glenfield Primary School NSCC Walking School Bus Co-ordinator Parent community Health Promoting Schools
18. To encourage participation in alternative travel modes.	18.1 Offer incentives to students and volunteers, such as: pedometers, certificates, bag tags, stickers, drinks etc.	Term 3 2005	Walking School Bus Team – Glenfield Primary School Health Promoting Schools
19. To encourage bus use	19.1 Investigate the creation of a free school bus service	Term 4 2005	Glenfield Primary School ARTA



*Afternoon traffic on Chivalry Road*

## **IMPLEMENTING THE PLAN**

Glenfield Primary School, Glenfield Community Board, and North Shore City Council will jointly implement this plan.

## **MONITORING THE PLAN**

The plan will be monitored on an annual basis, where the Working Party will meet to discuss the objectives and strategies. Where required new strategies will be set.

### **Criteria for success include:**

1. The number of children travelling to and from school by car is reduced, resulting in less traffic congestion at the school gate.
2. The number of children using alternative modes of transport ie. walking, cycling, scootering, busing, and/or carpooling to and from school are increased.
3. In line with the first two criteria the injury rate for school children does not increase, in the local vicinity of the school.
4. That there is continued focus on Road Safety programs annually at the school.

## **CONCLUSIONS**

The School Travel Plan has been developed over a period of approximately 12 months. It has included a wide range of consultation techniques to identify the concerns of the local community regarding traffic safety and promoting alternative modes of transport.

The success of this project can be attributed to work undertaken by staff, students, families and Board of Trustees in partnership with North Shore City Council and the Auckland Regional Transport Authority.

## AGREEMENT ON THE TRAVEL PLAN

*We support the Glenfield Primary School Travel Plan*

Name <i>Fiona Cavanagh</i> Date <i>8.7.05.</i>	For Glenfield Primary School Signature: <i>F Cavanagh</i>
Name <i>Paul Buckton</i> Date <i>8 July 2005</i>	For Board of Trustees Signature: <i>Paul Buckton</i>
Name <i>Sheriden Blundell</i> Date <i>8<sup>th</sup> July 2005</i>	For Parents Signature: <i>S Blundell</i>
Name <i>Rozlyn Sleith</i> Date <i>8<sup>th</sup> July, 2005</i>	For Students Signature: <i>Rozlyn Sleith</i>
Name <i>STEPHEN LINDFIELD</i> Date <i>8<sup>th</sup> JULY 2005</i>	For Auckland Regional Transport Authority Signature: <i>S. Lindfield</i>
Name <i>Gerald Sharrock</i> Date <i>18<sup>th</sup> July, 2005</i>	For Glenfield Community Board Signature: <i>G Sharrock</i>
Name <i>George Wood</i> Date <i>8<sup>th</sup> July 2005</i>	For North Shore City Council Signature: <i>George Wood</i>
Name <i>Margaret Thompson</i> Date <i>27/07/05</i>	For Glenfield Presbyterian Church Signature: <i>M Thompson</i>

PLANNING FOR REAL - ISSUES IDENTIFIED BY PARENTS AND CHILDREN - GLENFIELD PRIMARY SCHOOL

Legend:

	Issue addressed in School Travel Plan
	Issue to be addressed via NSCC Actionline, Community Board or other method

ADDRESS	ADDRESS DETAILS	ISSUE	INFO	SOURCE
All streets	Around Glenfield	Reversing cars	Cars are reversing out of driveways - they do not see children crossing	Child
All streets	Around Glenfield	Bullying	Shoulder bashing by Glenfield College students	Child
Archers Rd		Speeding cars	Dangerous	Child
Archers Rd	199-200 Archers Rd	Safety	I don't feel safe at this intersection	Child
Archers Rd	201 Archers Rd	Safety	Kidnappers live there	Parent
Bentley Ave		Ped. Crossing needed	Difficult to cross	Parent
Bentley Ave	Chartwell Ave	Ped. Crossing needed	Would not even let an Int. student cross this road	Parent
Bentley Ave	Chartwell Ave	Ped. Crossing needed	Dangerous	Parent
Bruce Rd	61 Bruce Rd	Dog	Dog roaming off the leash	Child
Bruce Rd	Outside the Intermediate	Safety	I don't feel safe crossing the road here	Child
Bruce Rd	70 Bruce Rd	Safety	Kidnappers live there	Child
Camelot Pl	Brand Pl	Speeding cars	Hard to cross here	Child
Camelot Pl	Camelot Reserve	Safety	Patrolled area. Parent concerned about children walking through - ur	Child
Camrose Pl	7-9 Camrose Pl	Dog	Black/brown dog barks a lot	Parent
Chartwell Ave	near the church	Safety	Cars are driving over the footpath here	Child
Chartwell Ave	Bentley Rds	Traffic signals needed	Dangerous	Child
Chartwell Ave	Bentley Rds	Too much traffic	Too much traffic here	Child
Chartwell Ave		Too much traffic	Fast cars	Child
Chartwell Ave		Safety	Cars are driving over the footpath here - it is very dangerous - they d	Parent
Chartwell Ave	70-76 Chartwell Ave	Safety	Green recycling bins and rubbish bags in the middle of the footpath.	Child
Chivalry Rd	76-78 Chivalry Rd	Bullying	Bullying Int. and Primary Students - spitting	Child
Chivalry Rd	Bruce Rd	Dog	1 dog off the leash - almost bit me	Child
Chivalry Rd	Diana Dr	Controlled ped. Crossing needed	Cars are running the red light here	Child
Chivalry Rd	School Ped. Crossing	Safety	Cars are stopping on the ped. Crossing due to cars stopping in front	Parent
Chivalry Rd	outside the school	Bullying	Glenfield Intermediate Students bullying younger children. Bullies live	Parent
Chivalry Rd	School Car Park	Safety	Closing the staff carpark at 2.50 pm has posed a problem. Causes fu	Parent
Chivalry Rd	Glenfield Rd	Speeding cars	Need to slow the traffic down	Child
Chivalry Rd	73 Chivalry Rd	Safety	Worried about her younger brother going on the road	Parent
Chivalry Rd	Staff Car Park	Safety	Cars parking as close as possible to the school. Real issues with rev	Child
Chivalry Rd	at ped. Crossing	Safety	Cars either side and on crossing. Children weaving in between cars	Child
Chivalry Rd	Hatherlow	Walkway	Not fenced, slippery, no indication at either end that it is a walkway	Parent
Chivalry Rd	Glenfield Presbyterian c	New Idea	Make it a one way system. Cars can only exit onto Chartwell Ave. Id	Child
Chivalry Rd		Bullying	Intermediate school kids shoving students when they walk home. Ha	Child
Clair Pl		Dogs	Large rottweiler roaming around and also a German Shepherd. Chil	Child
Coronation Rd	99 Coronation Rd	Accident Spot	Witnessed an accident here	Child
Diana Dr	Near the dairy	Bullying	Glenfield Intermediate Students bullying younger children	Child
Diana Dr	Chivalry Rd/Chartwell R	Safety	Intersection - red light runners- you need to wait a while when light t	Child
Glenfield Library		Bullying	2 Glenfield Primary Students bullying - 3 times this has happened.	Child
Glenfield Rd	Chivalry Rd	Bullying	Glenfield Intermediate Students bullying younger children	Child
Glenfield Rd	Hogans Rd	Ped. Crossing needed	Very steep road. Cars cannot see the lights ahead	Child
Glenfield Rd	Nr. Glenfield Mall	Dogs	Dogs roaming off the leash	Parent
Glenfield Rd	Chivalry Rd	Ped. Crossing needed	or a Give Way sign needed. Cars do not stop for children crossing	Child
Glenfield Rd	Manuka Rd	Speeding cars	Cars are running the red light here	Child
Glenfield Rd	Glenfield Shopping Cen	Accident spot	Saw an accident on the slip land by Glenfield shopping centre on Gle	Child
Hamilton Pl	3 Hamilton Pl	Dog	Bull dogs - can get ot easily. Barks - quite scary	Parent
Hamilton Pl		Dogs	3 dogs that bark on both sides of the street. They wander around.	Child
Kaipatiki Rd	Outside the high school	Speeding cars	Cars travelling too fast here	Parent
Leigh Tce		Too much traffic	Mum not a good driver and too much traffic	Parent
Link Drive	Burger King Intersection	Ped. Crossing needed	Unsafe to cross here	Parent
Manukau Rd	Hogans Rd and Glenfiel	Slow traffic down	Lots of red light runners	Parent
Normanton Rd	Nelldene Rd	Slow traffic down	Too much traffic here	Parent
Normanton Rd		Too much traffic	Cars going too fast	Parent
Rosalind Rd		Dog	Bull dogs - very scary	Child
Rosalind Rd	neighbours	Safety	Feel unsafe going past the neighbours	Child
Rosalind Rd	Near Heatherlaw	Bullying	About 10 Intermediate students and also some primary students han	Child
Rosalind Rd	Near the Park	Bullying	Lots of kids hanging around the park. They are the same kids that h	Child
Stanley Rd	13,15,17 Stanley Rd	Safety	Old ladies who live there back out fast without looking for children. N	Child
Weldene Ave	56-69 Weldene Ave	Ped. Crossing needed	Signage to slow down. Child can't get across to walk to school	Child
Weldene Ave	89 Weldene Ave	Too much traffic	Hard to cross here	Parent
Weldene Ave	87 Weldene Ave	Too much traffic	Hard to cross here. Blind hill coming over the incline. Cars cannot se	Parent
		Walkway	Scarey - long bushes	Child

From: Bronwyn Coster  
Sent: Tuesday, 12 April 2005 14:39  
Subject: Feedback on the draft travel plan for Glenfield School

Dear Mr Finlay,

We appreciate you taking the time to review the draft travel plan and submit your comments.

Thank you very much for your comments concerning the ped. crossing outside the school, suggestion for a ped. tunnel and more off road parking. Your comments will be reviewed and considered by the working party.

Best wishes,

Bronwyn Coster  
School Travel Planner  
Auckland Regional Transport Authority

-----Original Message-----

From: Donald Finlay  
Sent: Tuesday, 12 April 2005 1:59 p.m.  
To: Bronwyn.Coster@northshorecity.govt.nz  
Subject: Re: Travel Plan Glenfield School

As a neighbouring resident, I am concerned at the poor design of the school pedestrian crossing. With islands sticking out into the road, traffic bunches up and visibility decreases - I know as a driver and as a pedestrian who was hit on that crossing. There is no margin for error on anybody's part. An underground subway would in my opinion be a safer alternative, particularly with the proximity to traffic lights at the Chivalry/Chartwell/Diana intersection, which is another contributor to the traffic bunching problem. With the natural rise in the road, a subway should not be difficult to engineer. More off-road parking, with easy-graded access, should be provided for those who insist on driving to school.

I agree that parents should be discouraged from driving children to school (a region-wide problem), and I endorse the walking bus concept. The use of designated 'school' buses though is another traffic congestant - eg try travelling down Wairau and Taharoto Roads behind a school bus!!!

Donald Finlay

