



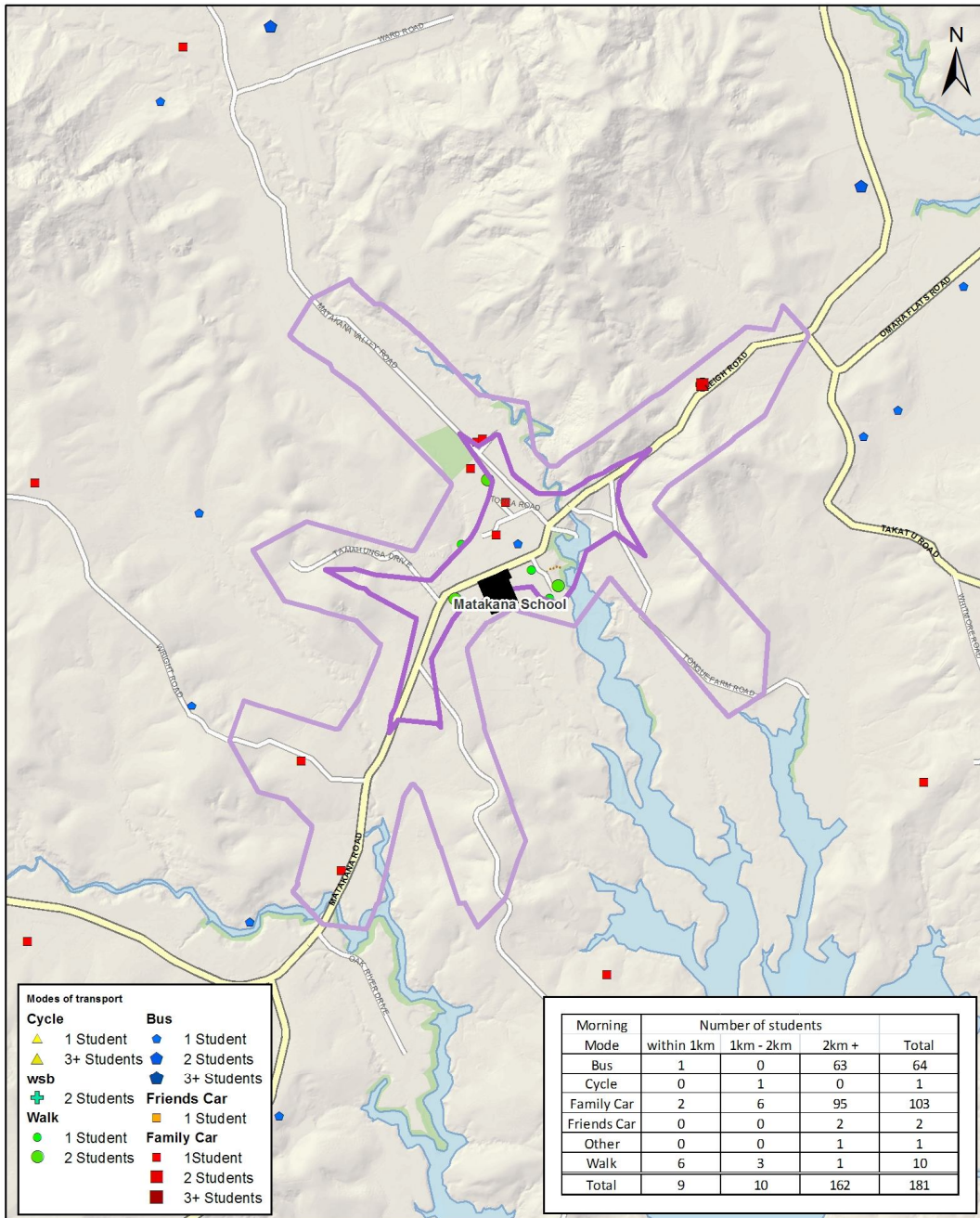
Matakana School – Travel Survey Term One 2009

Major Road Issues Summary

Road	Issues
Green Rd	No footpaths Visibility Difficult to get out of Speed
Leigh Rd	Speed No footpaths Unsafe driver behaviour Nowhere to cross
Matakana Rd - Outside School	No pedestrian crossing No footpaths or cycleways Speed No safe area to cross
Matakana Rd - Roundabout	Nowhere to cross
Sharps Rd Corner	Bus stop needed
Schollum Rd	Dangerous bus stop
Whangateau Rd	Dangerous bus stop
Wright Rd	Visibility

Student Identified Travel Modes

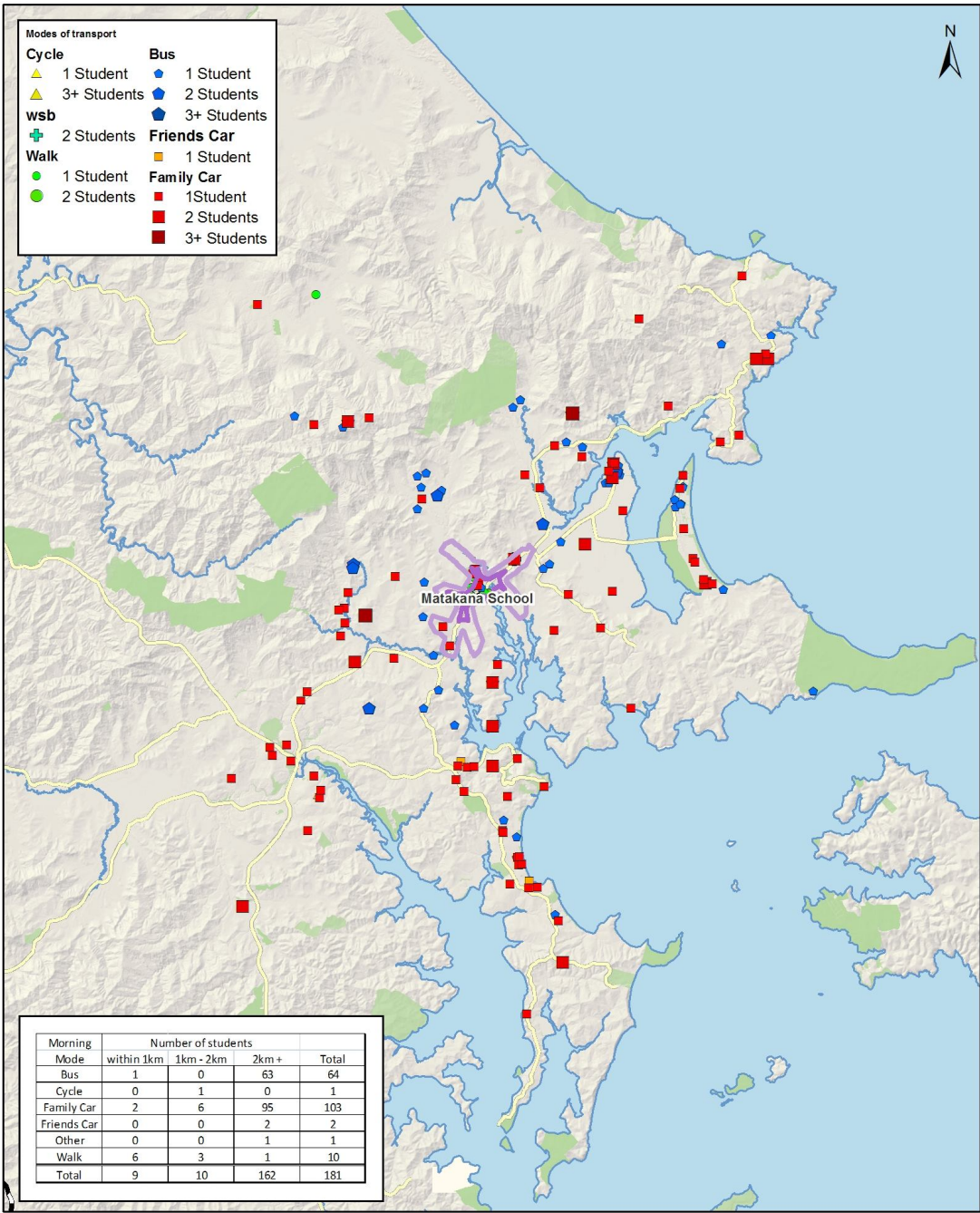
Actual Travel Class/Students – weekly average	Preferred Travel Class/Students – Weekly Average
<ul style="list-style-type: none"> • 5% Walk • 34% Bus • 60% Car • 1% Cycle and Scooter 	<ul style="list-style-type: none"> • 9% Walk • 26% Bus • 36% Car • 29% Cycle and Scooter



0 250 500 1,000 Meters

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<p>Legend</p> <ul style="list-style-type: none"> Motorway Major roads Minor Road Accessways and tracks Rail 	<ul style="list-style-type: none"> School Location 15 mins Walking buffer 30 mins Walking buffer Open Space Rail Station 	<h2>Matakana School 2009 Modal Map (Morning)</h2>	<p>TravelWise thinking transport.</p> <p>Auckland Regional Council TE Kaitiaki Take Kōwhiri</p>
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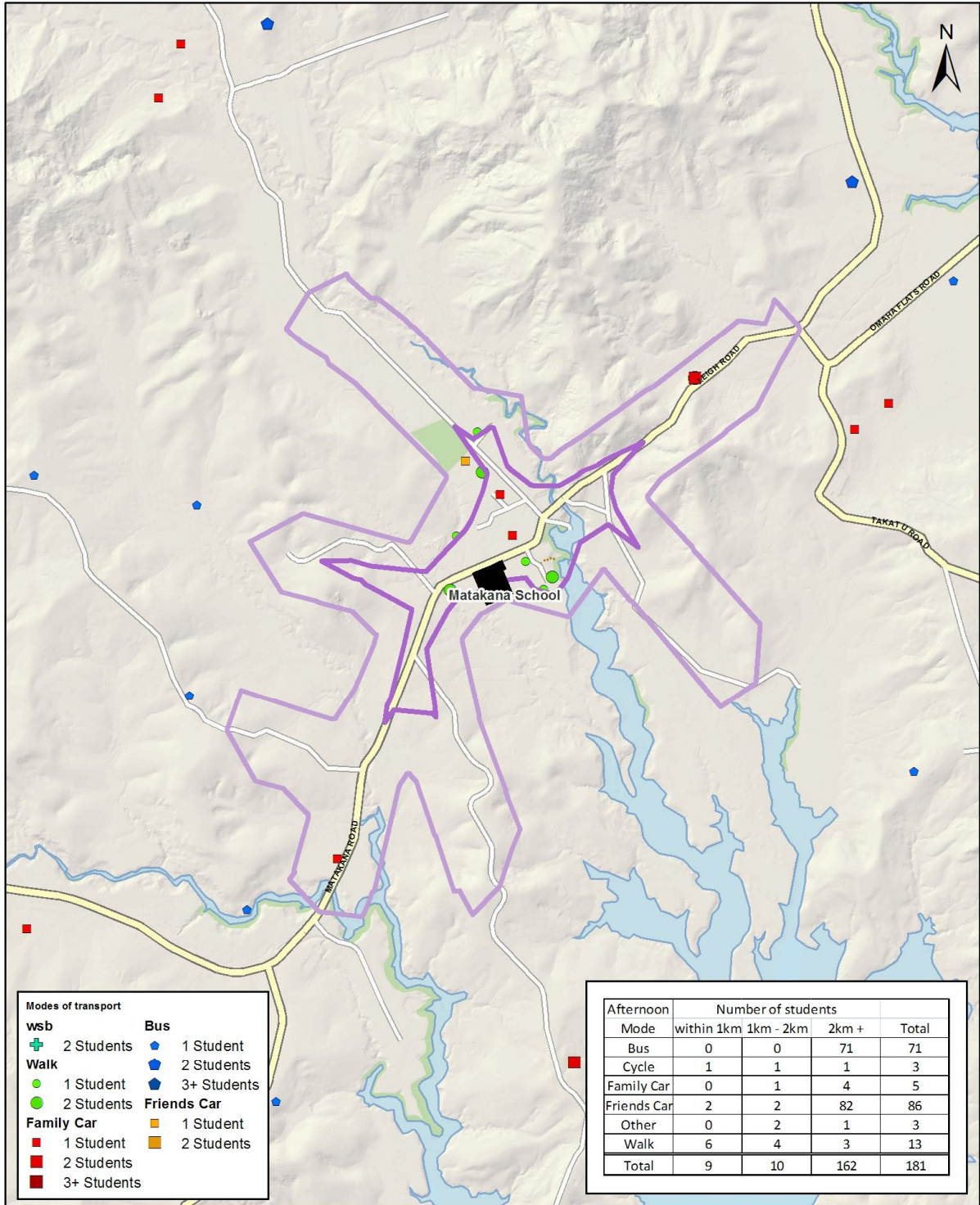
Legend

- Rail Station
- Motorway
- Major roads
- Open Space
- School Location
- Buffer of walking distance Network**
 - 15 mins Walking buffer
 - 30 mins Walking buffer

Matakana School Overview Modal Map (Morning)

TravelWise
 thinking transport.

Auckland
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 TE RAUHIKANGA TAKA



Modes of transport	
wsb	Bus
+	●
2 Students	1 Student
Walk	●
●	●
1 Student	2 Students
●	●
2 Students	3+ Students
Family Car	Friends Car
■	■
1 Student	1 Student
■	■
2 Students	2 Students
■	
3+ Students	

Afternoon	Number of students			Total
	within 1km	1km - 2km	2km +	
Bus	0	0	71	71
Cycle	1	1	1	3
Family Car	0	1	4	5
Friends Car	2	2	82	86
Other	0	2	1	3
Walk	6	4	3	13
Total	9	10	162	181

0 250 500 1,000 Meters

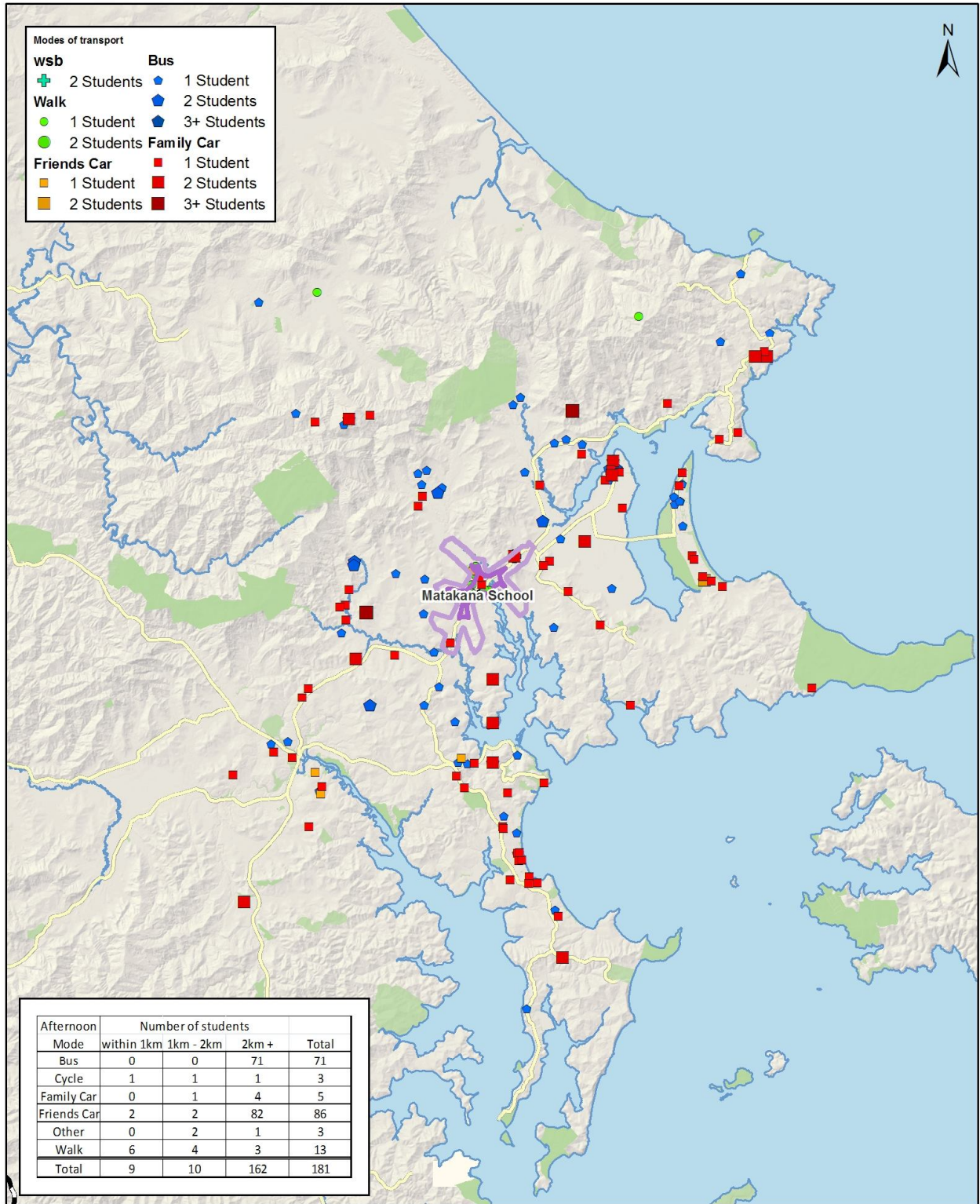
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Legend	
	Motorway
	Major roads
	Minor Road
	Accessways and tracks
	Rail
	School Location
	15 mins Walking buffer
	30 mins Walking buffer
	Open Space
	Rail Station

Matakana School 2009 Modal Map (Afternoon)

TravelWise
thinking transport.

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TE Kaitiaki Take Kōwhiri



0 5 10 Kilometers

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Legend

- Rail
- Rail Station
- Motorway
- Major roads
- Open Space
- School Location
- Buffer of walking distance Network
 - 15 mins Walking buffer
 - 30 mins Walking buffer

Matakana School Overview Modal Map (Afternoon)

TravelWise
thinking transport.

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TE RAUHITANGA IMARU

MATAKANA UNSAFE STREETS IDENTIFIED

Unsafe locations - Street names	Reasons1	Reasons2	Reasons3
All roads to village	Very narrow	No footpaths Both roads have a high speed limit	High speed limit
Anderson Rd - Matakana Rd - Corner - Bridges either end of town	Bus stop located here Needs footpaths on busy bridges		Matakana Rd has high volume of traffic
Corner Upper Whangateau Green Rd	Very unsafe corner Very difficult to turn right off Green rd when busy No footpaths unsafe for child to walk or cycle	Speeding cars	
Green Rd - Matakana Rd			
Green Rd - Matakana Rd - Turning	Tricky to get out of Green Rd	Very busy roads	Lots of traffic
Green Rd - Matakana Rd - Wright Rd	No shoulder on roads	Speed limit too high	No footpaths
Leigh Rd	No footpath		
Leigh Rd	No shoulder	No footpaths	No cycle ways
Leigh Rd	No footpaths	Lots of cars	
Leigh Rd	Speed of cars		
Leigh Rd	No Footpaths	High speed cars and trucks	
Leigh Rd	Too narrow	Unsafe to walk along	
Leigh Rd	No pedestrian crossings	No cycle lane over the bridge	
Leigh Rd	Unsafe drivers	No footpaths	
Leigh Rd	No footpaths		
Leigh Rd	Road too narrow	No footpaths	Speed of cars
Leigh Rd - Bridge near this road	No shoulder	Speed limit too high	No footpath
Leigh Rd - Matakana Rd	Lack of paths	Speed of traffic	
Leigh Rd - Matakana Rd	Unsafe driving	Busy intersection	No safe places to cross or walk
Leigh Rd - Matakana Rd	Very busy	Unsafe to cross	Unsafe driver behaviour
Leigh Rd - Matakana Rd	No footpaths	No cycle ways	High speed limit
Leigh Rd - Matakana Rd - Matakana Valley Rd	No footpaths		

Leigh Rd - Matakana Rd - After Bridge	Cars too fast	Blind corners	Not enough room for children
Leigh Rd - Matakana Rd - Bridge	No pedestrian crossing	No footpaths	Speed of traffic
Leigh Rd - Matakana Rd - Matakana Valley Rd	Cars travel fast down the road	No footpaths	No walkway on bridge
Leigh Rd - Matakana Rd - Matakana Valley Rd	Needs pedestrian crossings	Road too narrow	No footpaths
Leigh Rd - Matakana Rd - Matakana Valley Rd	No pedestrian crossing		
Leigh Rd - Matakana Valley Rd	Large trucks	Speed of cars	
Leigh Rd - Matakana Valley Rd - Roundabout	Very busy		
Leigh Rd - Schollim Rd	Very sharp and dangerous bend	Speed limit too high	
Leigh Rd - Schollum Rd	Unsafe for walking Final bus stop location is an accident waiting to happen	Speed limit too high	
Leigh Rd - Schollum Rd		Up a hill with congested parking and no shelter	
Leigh Rd - Schollum Rd - Corner	This corner is very dangerous	Accident proned due to speeding cars losing control on corner	
Leigh Rd - The bridge - The cutting	Blindspots	No footpaths	Need better signage
Leigh Rd and Tongue farm Rd	Overgrown or no footpaths	Speed of cars	
Main St opposite Matakana Dairy	Takes too long to safely cross here in the weekends		
Matakana Rd - Vicinity of school Matakana	No pedestrian crossing		
Matakana - West towards bridge	No pedestrian crossings	Speeding cars	Unsafe to walk
Matakana Rd	No footpaths or cycle paths	High volume of traffic	
Matakana Rd	Lots of traffic	Speeding making visibility a problem	
Matakana Rd	Speed		
Matakana Rd	No pedestrian crossing		
Matakana Rd	No pedestrian crossing		
Matakana Rd	No footpaths	No bridge crossings	Traffic speeds
Matakana Rd	Overgrown vegetation over footpath	Footpath could be wider	
Matakana Rd	No pedestrian crossing	Speed of cars	
Matakana Rd	Speed of cars	No safe crossings	
Matakana Rd	No safe crossings		

Matakana Rd	Speed of cars		
Matakana Rd	No footpaths	No pedestrian crossings	
Matakana Rd	Needs wider footpaths		
Matakana Rd	Cars parked both sides	Lots of traffic	Wide unsafe driveways
Matakana Rd	No pedestrian crossings		
Matakana Rd	No walkways	No safe crossings	Lots of cars
Matakana Rd	Needs a pedestrian crossing		
Matakana Rd	Too many cars parked on both sides of road	No pedestrian crossings	
Matakana Rd	Traffic speed	Needs pedestrian crossing	
Matakana Rd	No footpaths or cycle ways	Too much traffic	Speed of cars
Matakana Rd	High speed limit yet people travel faster	Very busy	No footpaths
Matakana Rd	Needs crossing next to school		
Matakana Rd	No footpaths	No cycle paths	High Speed
Matakana Rd	Speed of cars	Overgrown plants and hedges	Narrow roads
Matakana Rd	No pedestrian crossing		
Matakana Rd	No pedestrian crossing to cross bridge	No safe footpath	Very narrow roads
Matakana Rd	No shoulder	No footpaths	No cycle ways
Matakana Rd	Lots of traffic	No footpaths	
Matakana Rd	Speed of cars	Lack of footpaths	Inconsiderate drivers
Matakana Rd	No Pedestrian crossing		
Matakana Rd	Traffic	Speed limit too high	Not suitable to walk or cycle
Matakana Rd	No safe crossing area	Need better signage	
Matakana Rd	Busy road	Unsafe corners	Needs a crossing
Matakana Rd	No pedestrian crossing		
Matakana Rd	Too much traffic		
Matakana Rd	Needs pedestrian crossing		
Matakana Rd	No proper zebra crossings		
Matakana Rd	Needs pedestrian crossing		

Matakana Rd	No pedestrian crossing	Reduction of speed	
Matakana Rd	No footpath	Speeding	A ditch
Matakana Rd	Heavy traffic	Speeding cars	
Matakana Rd	Speeding cars		
Matakana Rd - - Outside School	Unsafe to cross no pedestrian crossings	Inconsiderate drivers	Wide driveways
Matakana Rd - Bridge	Too narrow		
Matakana Rd - Bridge	No pedestrian crossing	Needs a path	Too narrow
Matakana Rd - Bridge	Traffic very fast		
Matakana Rd - Bus Bay	Very busy road	Unsafe area for kids	
Matakana Rd - Bus Stop	New location very unsafe	Roads too narrow	Where the bus stop is positioned its prone to accidents
Matakana Rd - Front of School	Speed of cars despite signage		
Matakana Rd - Intersection	No turning lane	Blind spot	
Matakana Rd - Mainstreet	No pedestrian crossings	Pub car parking on road	Speed of cars
Matakana Rd - Matakana Valley Rd	Speed limit too high	Speeding trucks and boy racers	Liquor store too close to school
Matakana Rd - Matakana Valley Rd	Speed of cars	Too much traffic	no pedestrian crossings
Matakana Rd - Matakana Valley Rd	No safe pedestrian crossings		
Matakana Rd - Matakana Valley Rd	Too busy	No crossings	
Matakana Rd - Matakana Valley rd	Needs a pedestrian crossing		
Matakana Rd - Matakana Valley Rd - Roundabout	Speed limit needs to be reduced		
Matakana Rd - Opposite School	No pedestrian crossing	Limited footpath	
Matakana Rd - Opposite School	Need pedestrian crossing		
Matakana Rd - Outside Mobil and shops	Footpath not well defined	Have to walk past unsafe gas station wide driveways	Lots of traffic pulling in and out
Matakana Rd - Outside school	No pedestrian crossing	Need signage	
Matakana Rd - Outside school	No pedestrian crossing	Unsafe	
Matakana Rd - Outside School	No pedestrian crossing	Traffic speed	Busy
Matakana Rd - outside School	No pedestrian crossings	No footpaths	
Matakana Rd - Outside school	Cars speeding		
Matakana Rd - Outside school	No pedestrian crossing	Main busy road	Kids crossing needs to be monitored

Matakana Rd - Outside School	No pedestrian crossings		
Matakana Rd - Outside school	No pedestrian crossing	No crossing patrols	
Matakana Rd - Outside School	No pedestrian crossing	Speed of cars	Unsafe to cross
Matakana Rd - Outside school	Very busy		
Matakana Rd - Outside School	No pedestrian crossings	Very busy at times	
Matakana Rd - Outside School	No footpaths		
Matakana Rd - Outside school	Speed of cars		
Matakana Rd - Outside school	Need pedestrian crossing	Traffic too fast	
Matakana Rd - Petrol Station	Unsafe wide driveways		
Matakana Rd - Roundabout	Too many cars		
Matakana Rd - Roundabout	No pedestrian crossing		
Matakana Rd - Roundabout - Shop - School	No safe crossing		
Matakana Rd - School	Overgrown plants		
Matakana Rd - School Entrance	Too many cars	No pedestrian crossing	
Matakana Rd - Shops	Cars backing out		
	Dangerous wide driveways to cross		
Matakana Rd - Shops		Lots of traffic	Parking on footpath
Matakana Rd - Tamahunga Dr	Cars speeding downhill		
Matakana Rd - Tamahunga Dr	No footpaths		
Matakana Rd - Tamahunga Rd	Cars not slowing down	50km area should be by bridge	
Matakana Rd - The Village	Very busy road	Lots of car activity very dangerous	
Matakana Rd - Wright Rd - Intersection	Blind Spot	High speed corner	
Matakana Rd - Wright Rd - Turning traffic	Very scary and dangerous as roads are too narrow	Accident prone	
Matakana Road - Near shops - First bridge at village	Not pedestrian friendly	Very busy roads	
Matakana Road - Outside school	No Pedestrian Crossing	Busy road due to parents collecting children	
Matakana Roundabout	No safe crossing		
Matakana School	Needs a crossing		
Matakana Valley Rd	No footpath left side of road		

Matakana Valley Rd	Speed	Limited footpaths	
Matakana Valley Rd	Only has roads on opposite side of road	No safe place to cross	
Matakana Valley Rd	Busy intersection		
Matakana Valley Rd	Needs footpaths	Needs crossings	
Matakana Valley Rd	No areas to pull over or turn	No footpaths	
Matakana Valley Rd	Footpaths too narrow	Inconsiderate drivers parking everywhere	
	Narrow footpaths beside deep drains		
Matakana Valley Rd	Need footpath		
Matakana Valley Rd	Cars do not indicate when turning onto Leigh Rd		
Matakana Valley Rd - Intersection roundabout	No safe crossings		
Matakana Valley Rd - Near pub	No safe place to cross		
Matakana Valley Rd - Near Roundabout	Speed of cars	Visibility issues crossing road	
Matakana Valley Rd - Opposite shops	No pedestrian crossing	Busy Road	
	No footpath on one side of St which kids have to cross only to cross back again	No pedestrian crossing	
Matakana Valley Rd - Roundabout	Busy intersection	No clear crossings	
Matakana Valley Rd - Roundabout	Very busy road		
Matakana Valley Rd - Roundabout	Lots of traffic	No pedestrian crossing	
Matakana Valley Rd - Roundabout - Shops	Unsafe to cross no pedestrian crossings	Inconsiderate drivers	
Matakana Valley Rd - Shops	Too many double parked cars	Too many large trucks	
Matakana Valley Rd - Village	Busy Road	No pedestrian crossings	
Matakana Valley Road - Roundabout	Needs safer crossing		
Matakana Village Rd - Near bridge	Too narrow to safely walk across		
Point Wells Rd	No footpaths	Roads too narrow	
Riverglade Lane - Tamahunga Dr	Need pedestrian crossings		
Sandspit Rd	Needs a footpath	Lots of foot traffic	
Sandspit Rd - Sharp Rd	Better signage at bus stops	Bus shelter needed	

Sandspit Rd - Sharp Rd - Corner - Intersection	Cars speeding around corners	Inconsiderate drivers not slowing or stopping
Schollum Rd - Upper Whangateau Rd - Bus Stop	Speed of cars	Kids exit bus onto the road
Schollum Rd - Whangateau Rd	Bus stop is located on dangerous corner	Speed of cars
Sharps Rd - Corner	Needs a bus stop	
Tamahunga Dr	No pedestrian lane for bridge	
Tamahunga Dr	No safe place to cross	No footpaths
Tamahunga Dr - Bridge	No safe place to cross	Cars speed downhill overbridge
Tamahunga Dr - Bridge between school	No shoulder	Speed limit too high
Torea Rd - Intersection	Unsafe road	Footpath only on one side
Village Area	No safe crossings	
Ward Rd	Often walking in a ditch	No footpaths
Whangateau Rd	Bus stop on corner unsafe to stop	
Whole route	No footpaths	
Wright Rd - End	Narrow Rd	No visibility on corners
Wright Road	No safe pull over area	Hazardous Dogs
	All roads too unsafe for cycles	Roads too narrow

Developing a School Travel Plan

The TravelWise programme is managed by the Auckland Regional Transport Authority in partnership with local authorities and includes the development of school and workplace Travel Plans. The Travel Plan process enables schools, workplaces, neighbourhoods and individuals to better understand current travel choices, and to find ways to make sustainable transport choices more attractive. Auckland's TravelWise programme is based on similar programmes in the UK, Canada, Europe and Australia.

Objectives of a School Travel Plan for Primary Schools:

- ❑ Encourage fewer car trips to school
- ❑ Increase numbers walking, cycling and using public transport
- ❑ Increase the awareness of the impact of different travel modes on the environment
- ❑ Improvement of the road safety environment
- ❑ Increase the level of physical activity through using active transport
- ❑ Increase independence and road sense for learners

A School Travel Plan contains strategies to promote and encourage sustainable transport and safety. The strategies in your School Travel Plan should be designed to address the specific issues and needs of your particular school community.

Strategies in your plan are divided into four specific areas:

- ❑ Education
- ❑ Encouragement
- ❑ Engineering
- ❑ Enforcement

While your plan will be unique to your school and can include whatever is appropriate for your school community, the next page provides an explanation and some examples of each of the types of strategies.

Role of the Working Group

The working group will meet approximately 4 times to develop a School Travel Plan. The group will use the School Travel Survey Results and any other information available to develop strategies and action points for the Travel Plan. The draft Travel Plan may then be sent out to parents and students for feedback.

Some Examples of School Travel Plan strategies

Engineering Strategies

The purpose of *Engineering Strategies* is to create a safer built environment around the school neighbourhood. Your local Council has committed to investigating and prioritising all infrastructure improvements that will improve safety for pedestrians and cyclists on the roads around your school. Your school community will identify issues and areas of concern through the data collection process, and the issues will be reported back to the Working Group by your School Travel Coordinator. The group responsible for forming your travel plan will discern priority areas and these will be passed onto the council by your School Travel Coordinator.

Examples:

- Parking restrictions
- Pedestrian crossings
- Footpaths
- New bike racks

Education Strategies

The purpose of *Education Strategies* is to educate parents and students about different travel modes and road safety. E.g. the health benefits of walking, the environmental impacts of cars, and safe parking practices.

Examples:

- Cycle skills training or bike maintenance courses
- Presentations to students about the environment and benefits of walking, cycling, public transport
- Set up a Travel Information Centre noticeboard with information about buses, walkways, cycling routes etc
- Regular road safety messages to parents and children through school newsletters

Encouragement Strategies

The purpose of *Encouragement Strategies* is to encourage students to travel by sustainable modes of transport such as walking, cycling or bus, instead of travelling by private car. Encouragement strategies are about having fun – they generate excitement and interest in walking, cycling or bussing to school. Special events, clubs, contests and on-going activities all provide ways for students to discover that the car is not necessarily the best option for travelling to school.

Examples:

- Organise a student photography or art contest about sustainable transport
- Identify alternative drop-off locations away from the school
- Set up a car pooling system for families in certain areas
- Promote and set-up walking school bus routes and volunteers
- Evaluate public transport routes and identify needs

Enforcement Strategies

The purpose of *Enforcement Strategies* is to enforce appropriate behaviour, especially around school entrances.

Examples:

- Organise Council parking Officers to issue tickets after school
- Put out cones or new signs in places where people park illegally
- Write or update the school road safety policy

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