

Kāpiti Coast District Council
31 October 2023

Speed Management Plan 2023-2033



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Introduction

Setting safe and appropriate speeds for Kāpiti Roads

The way speed is managed on our roads is changing.

Government rules introduced last year require a new approach to speed management all over New Zealand, with a focus on making sure we have safe and appropriate speeds on all roads.

Safe and appropriate speeds are travel speeds that are appropriate for the function, design safety and use of the road.

Speed kills. In the event of a crash, regardless of its cause, the speed of the impact is the most important factor influencing whether people in the crash survive.

All around New Zealand, many posted speed limits are higher than they should be, and in Kāpiti there have been community calls for changes to 'safe' speeds for many years.

Our transport network of roads and pathways is used by many people, of all ages and abilities, in different ways and for different purposes. Given ours is a growing and increasingly busy community, it has never been more important to make sure our roads are safe for everyone.

This document introduces the first '*Speed Management Plan*' for the Kāpiti Coast.

It outlines how the transport network is expected to look in 10 years' time and provides a three-year implementation programme for high-benefit areas – school zones, areas with high concentrations of active road users and road corridors. Consultation was undertaken on the Draft Speed Management Plan between April and June 2023. The feedback received has been considered and where appropriate incorporated into the plan.

Our vision is:

A connected and efficient multi-modal transport network, safe for people of all ages and abilities to be on or around.

Background

The Government has identified better speed management as vital to improving road safety and reducing the harm and costs of crashes in New Zealand.

Guidance on achieving safer speeds is outlined in the new *Land Transport Rule: Setting of Speed Limits 2022 (the 'Rule')*.

The Rule requires all Road Controlling Authorities, like the Kāpiti Coast District Council, to develop and consult on long-term *Speed Management Plans* to be used in the setting of speed limits. The Speed Management Plans will guide the development, sharing and certification of speed limit changes.

Adopted by the Government as part of the *Tackling Unsafe Speeds Programme*, the Rule will contribute to the aims of the *Road to Zero* strategy (New Zealand's road safety strategy for 2020–30) by taking a whole-of-network approach where speed is considered alongside investments in safety infrastructure.

The *Road to Zero* strategy has a vision 'where everyone, whether they're walking, cycling, driving, motorcycling or taking public transport, can get to where they are going safely'. It targets a reduction of 40 percent in annual deaths and serious injuries by 2030.

As the owners and managers of more than 400km of roads and 400km of footpaths and shared paths, the Kāpiti Coast District Council has an important role in contributing towards achieving this target. We support the aims of the *Road to Zero* strategy wholeheartedly.

This Kāpiti Coast *Speed Management Plan (the first)* covers the period between 2023 and 2033 and will be updated with community input every three years.

Why does speed management matter?

Safe and appropriate speed limits give people the best chance of survival without serious injury if they are involved in a crash.

The likelihood of someone being killed in a crash, if struck by a vehicle at 50km/h, is 80 percent. At 30km/h it is 10 percent. Refer to Figure 1 for further details.

Figure: 1: Death and injury percentages

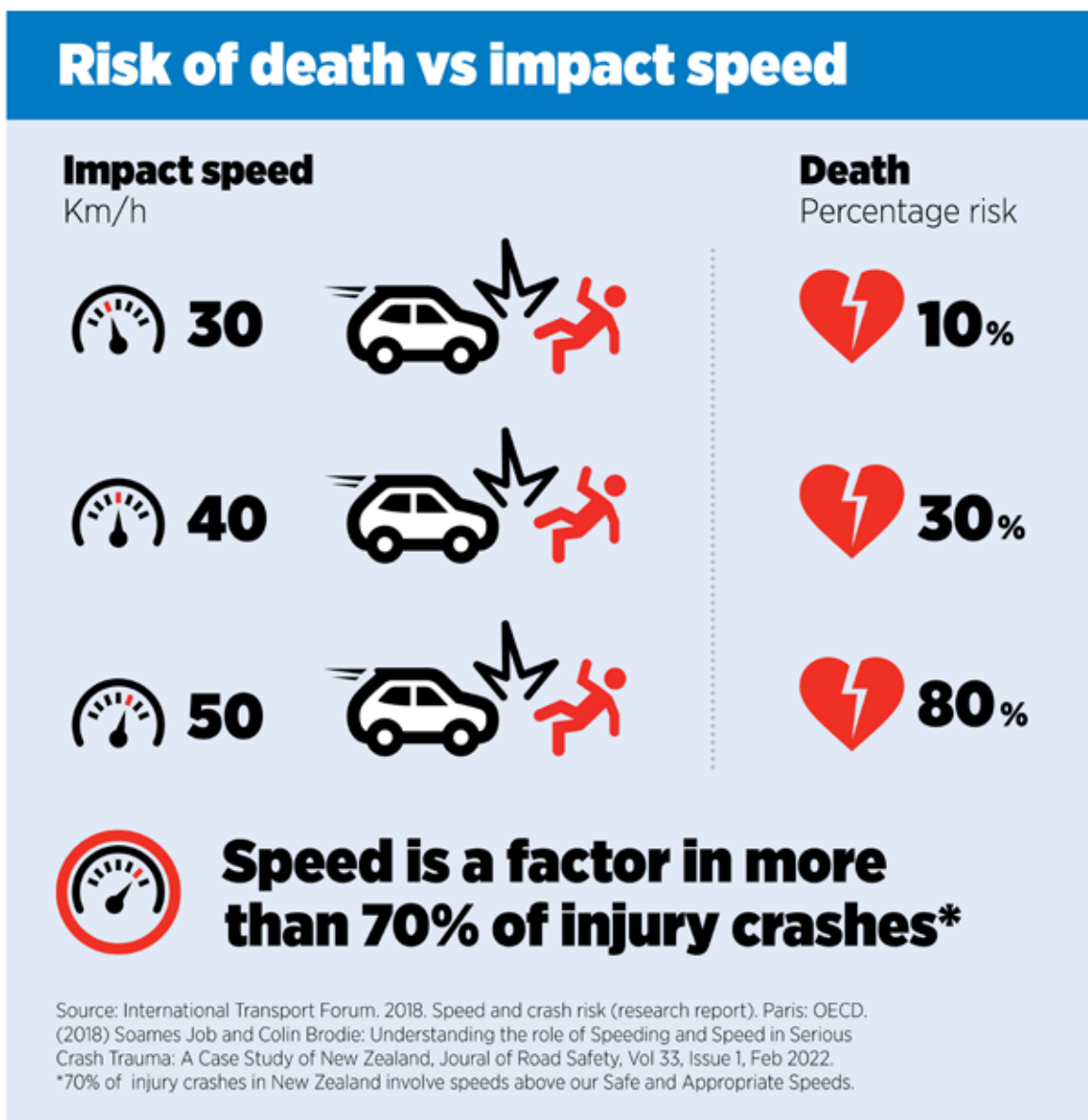


Image credit: Auckland Transport.

Safer speeds work. In Auckland, deaths and serious injuries on roads and streets reduced by 30 percent and 21 percent respectively after safe and appropriate speeds were implemented in June 2020. In comparison, across all Auckland roads for

the time period (24 months), road deaths increased by 9 percent.

Approximately 71 percent of injury crashes recorded nationally have involved speeds higher than New Zealand's safe and appropriate limits.

What's the situation in Kāpiti?

Between 2000 and 2022, 23 deaths, 235 serious injuries and 991 minor injuries were reported on Kāpiti roads.

Overall, in that period, there was a slight decrease in the number of crashes and injury crashes in Kāpiti. After a peak in 2017 of a reported high of 16 (five deaths and 11 serious injuries), the number reduced to 10 (one death and nine serious injuries) in 2022.

Safe and appropriate speeds not only reduce the risk of crashes but also make the transport network safe for all users – both young and old – for those using active transport modes – like enabling children riding bikes to school on the road to do so safely.

The Council has heard from the community that safer roads are a priority. Many resident-developed outcome statements¹ seek calmer and safer speeds and our communities have been asking for measures to improve road safety, especially around schools.

Consultation during the Speed Limit Review in 2018/19 saw a majority of the 224 submitters support lower speeds across the district.

This *Speed Management Plan* supports these objectives and in some cases is the key mechanism for achieving them.

¹ Local outcome reports - Kāpiti Coast District Council (kapiticoast.govt.nz)

Land Transport Rule: Setting of Speed Limits 2022

The Rule was introduced in 2022 and is the main driver of this process.

The Rule makes the setting of speed limits more efficient for Road Controlling Authorities (e.g., Kāpiti Coast District Council). It enables a network approach rather than a piecemeal, road-by-road approach, which will improve speed management planning and consultation.

The Rule requires Road Controlling Authorities to have a 10-year vision for local speed limits, and a three-year implementation programme for applying safe and appropriate speed limits and implement speed related infrastructure.

Speed Management Plans take a more holistic approach to network management where speed management is considered alongside investment in infrastructure. They empower Road Controlling Authorities to set speed limits for roads within their jurisdictions while also encouraging regional coordination.

For the Kāpiti Coast District Council, the Rule:

- allows flexibility in producing *Speed Management Plans*.
- requires all Wellington region Road Controlling Authorities to develop and consult on their own plans, which will eventually form the basis of the Regional *Speed Management Plan*.

- requires Road Controlling Authorities to use reasonable efforts to reduce speed limits around schools by 31 December 2027, with an interim target of 40 percent of schools by 30 June 2024.

In addition, the Rule:

- requires Regional Transport Committees to coordinate input from Road Controlling Authorities in developing regional *Speed Management Plans* to align with the Regional Land Transport Planning (RLTP) process. The RLTP sets the direction for transport in the region for the next 10-30 years. It identifies regional priorities and sets out the transport projects we intend to invest in.
- introduces regional speed management planning on a three-year cycle that aligns with the National Land Transport Programme which is a three-year programme that sets out how Waka Kotahi NZ Transport Agency, working with its partners, plans to invest the National Land Transport Fund (NLTF) to create a safer, more accessible, better connected and more resilient land transport system that keeps New Zealand moving.

Speed Management

Developing a Speed Management Plan

Speed Management Plans align with Road to Zero and the current Government Policy Statement on Land Transport'. Waka Kotahi NZ Transport Agency (Waka Kotahi) has identified 'high benefit areas' as immediate priorities for Road Controlling Authorities.

The Waka Kotahi *Speed Management Guide* outlines how Plans should be developed to deliver consistently safe and appropriate speed limits that are aligned with the *Road to Zero* strategy.

Figure 2 and Table 1 draws together the requirements of the Rule, four principles designed to be applied together, and the One Network Framework, which categorises safe and appropriate speed limit ranges for New Zealand's streets and roads.

Figure 2: Speed management principles



Table 1: One Network Framework safe and appropriate speed limits (SAAS)

Category	Description	SAAS (km/h)
Activity streets (urban)	These streets provide access to shops and services by all modes. They have a significant movement demand as well as place, so competing demands need to be managed within the available road space.	30 - 40
Local streets (urban)	These streets provide quiet and safe residential access for people of all ages and abilities, and foster community spirit and local pride.	30
Main streets (urban)	These streets have an important place function and a relatively important movement function. They support businesses, on-street activity and public life and connect with the wider transport network.	30 - 40
Urban connectors	These streets provide the safe, reliable and efficient movement of people and goods between regions and strategic centres and mitigate the impact on adjacent communities.	40 - 60
Peri-urban roads (Rural)	These roads primarily provide access from residential property on the urban fringe, where the predominant adjacent land use is residential, but usually at a lower density than in urban residential locations.	50 - 80
Rural roads	These roads primarily provide access to rural land for people who live there and support the land-use activities being undertaken.	60 - 80
Rural connectors	These roads provide the links between rural roads and interregional connectors (State highways).	60 - 100

Notes

- 1 A safe and appropriate speed limit will typically be at the lower end of the range, unless design and infrastructure criteria are met to justify a higher speed limit. Refer to 'Speed Management Guide Road to Zero Edition – Table 4 (Waka Kotahi, July 2022)
- 2 Beaches are not covered by the One Network Framework. Refer to the KCDC Bylaws - Kāpiti Coast District Council (kapiticoast.govt.nz)

The Government Policy Statement on Land Transport

Speed Management Plans must also align with the Government Policy Statement (GPS) on land transport (2021/22–2030/31), which sets the Government’s strategic priorities for land transport investment over a 10-year period.

The GPS also sets out how money from the National Land Transport Fund will be spent on activities such as public transport, state highway improvements, local roads and road safety. Transport spending needs to meet the strategic priorities as outlined in the GPS.

Two of the strategic priorities relate directly to safety:

- Developing a transport system where no one is killed or seriously injured.
- Developing a low-carbon transport system that supports emission reductions while improving safety and inclusive access.

Table 2: Government Policy Statement – strategic priorities

GPS 2021 strategic priorities	
Safety ²	Developing a transport system where no-one is killed or seriously injured.
Better travel options	Providing people with better transport options to access social and economic opportunities.
Climate change ³	Developing a low carbon transport system that supports emissions reductions, while improving safety and inclusive access.
Improving freight connections	Improving freight connections for economic development.

² – aligns with Outcome 2: Safer Communities (Kāpiti Coast District Council: Sustainable Transport Strategy, March 2022)

³ – aligns with Outcome 5: Addressing climate change (Kāpiti Coast District Council: Sustainable Transport Strategy, March 2022)

The *Speed Management Plan* aligns with the GPS strategic priorities. This will allow the Council to apply for funding for speed-related infrastructure through the National Land Transport Programme (NLTP). This funding will assist the Council in implementing the Plan and achieving a safer transport network. The initial submission for the 2024–27 NLTP is due in September 2023.

Although the Plan has a strong focus on safety, it will also contribute to the other priorities. This is expanded on in Table 3.

Table 3: Kāpiti Coast District Council Speed Management Plan alignment with the GPS priorities.

GPS priority	Alignment
Safety	<p>In line with the Road to Zero strategy and the 2021 GPS, the Plan is working towards a local transport network where no one is killed or seriously injured.</p> <p>The Plan seeks to improve safety on our roads through reduced speed limits and associated infrastructure in benefit areas.</p>
Better travel options	The focus on schools and urban areas and road corridors will lead to safe and appropriate speeds that will also encourage more people to walk, cycle and use other forms of active transport.
Climate change	Managing speeds can encourage more active travel, which can in turn can help reduce vehicle kilometres travelled and carbon emissions.
Improving freight connections	Speed reductions will lead to reduced crashes on the local transport network, making journeys more reliable. For routes used regularly by freight and public transport, safe and appropriate speed limits and infrastructure will be considered while ensuring the safe movement of all road users along and across the road corridor.

Priorities

This *Speed Management Plan* outlines what a transport network could look like in 10 years and provides a three-year implementation programme.

Because implementing safe and appropriate speed limits nationally is likely to take some time, Waka Kotahi has identified **high benefit areas** for speed management interventions to be implemented in the short to medium term. These cover approximately 25 percent of all New Zealand roads where the safe and appropriate speed limits are less than the posted speed limits. They are:

- road corridors where lowering speed limits to align with the safe and appropriate speed limits will produce the most safety benefits.
- all streets surrounding schools, including streets outside school frontages and within 100m of school boundaries. These streets are likely to be subject to lower variable speed limits in the short term and lower permanent speed limits in the long term.

- areas where the highest concentrations of active road users are expected, such as town centres, employment areas, other commercial areas and surrounding local streets.

Under the Rule, Road Controlling Authorities are required to:

- use reasonable efforts to implement new speed limits for:
 - at least 40 percent of all schools directly accessed from roads under their control by 30 June 2024.
 - the remaining schools by 31 December 2027.
- confirm that the speed limit for roads with a posted speed limit of 70km/h is safe and appropriate or propose to change to be other than 70km/h.

The role of Infrastructure

In the past, infrastructure was installed to reduce speeds on individual streets and roads in some town centres, for example speed humps on Marine Parade at Paraparaumu Beach.

In the long term, many areas on the Kāpiti Coast may have existing speed limits reduced to safe and appropriate speed limits.

How these speed limits are implemented will vary from place to place. It is not feasible, practical, or indeed desirable to build traffic-calming (e.g., speed humps, raised safety platforms) infrastructure everywhere.

The current focus is on installing infrastructure focused on the high-benefit areas. Infrastructure, like speed humps and raised safety platforms, will be used where it will be most effective.

We will also look at using temporary or semi-permanent infrastructure to support safe and appropriate speed limit changes in urban roads and streets.

Responsibilities

Speed Management Plans are a tool for developing, sharing and certifying proposed speed limit changes. Accordingly, several organisations are involved in their formulation.

Table 4: Organisation, roles and timing

Organisation	Role	Timing
Road Controlling Authorities	Provide information (<i>Speed Management Plans</i>) to Regional Transport Committees to enable the development of Regional Speed Management Plans.	September 2023
Regional Transport Committees	Consolidate information from Road Controlling Authorities into a regional <i>Speed Management Plan</i> and provide a forum for addressing regional boundary consistency issues.	December 2023

Kāpiti Coast District Council Speed Management Plan

Staged approach

This is the Kāpiti Coast District Council's first *Speed Management Plan*.

We have developed a staged approach to implementing any changes to the transport network. This will (1) allow us to identify what works and what does not and apply that information when reviewing the Plan (2) help us to deliver the Plan with the resources available (3) and allow us to focus on the high-benefit areas. These are:

- streets around schools
- road corridors
- areas where there are high concentrations of active road users, such as town centres, and marae.

We have:

- prioritised changes that need to be made in the next 10 years, with an initial focus on addressing safety in the high benefit areas identified by Waka Kotahi.
- investigated roads where proposed speed limits differ from Waka Kotahi's assessments as to what is safe and appropriate.

Once the Director of Land Transport has certified this *Speed Management Plan*, Waka Kotahi can publish the Plan, following which Kāpiti Coast District Council can implement the changes in speed limits.

This *Speed Management Plan* has two parts:

- **Part A** – What the Council proposes to implement up to the end of 2027, comprising high priority high-benefit areas.
- **Part B** – What the Council is planning to implement beyond 2027.

Speed-management infrastructure implemented now does not preclude further changes being made in the future.

Table 5: High-benefit timeline summary

Part	Timeline	High-benefit area description
A	2023-24	<ul style="list-style-type: none"> • Road corridors with a focus on roads with 70km/h speed limits • Marae • Schools with variable speed limits
B	2024-27	<ul style="list-style-type: none"> • Schools with permanent speed limits • Marae • Areas with high concentrations of active road users
C	2027 onwards	<ul style="list-style-type: none"> • Road corridors • Expand school zones

Changes to speed limits on state highways (some of which will become local roads and managed by Kāpiti Coast District Council) are outlined in the *Waka Kotahi 'Interim State Highway Speed Management Plan 2023 – 2024: Consultive Draft*) and are likely to come into effect in 2023 once certified by the Director of Land Transport.

Over the years we have continued to receive requests from the community for traffic-calming measures and lower speed limits for specific areas and individual streets.

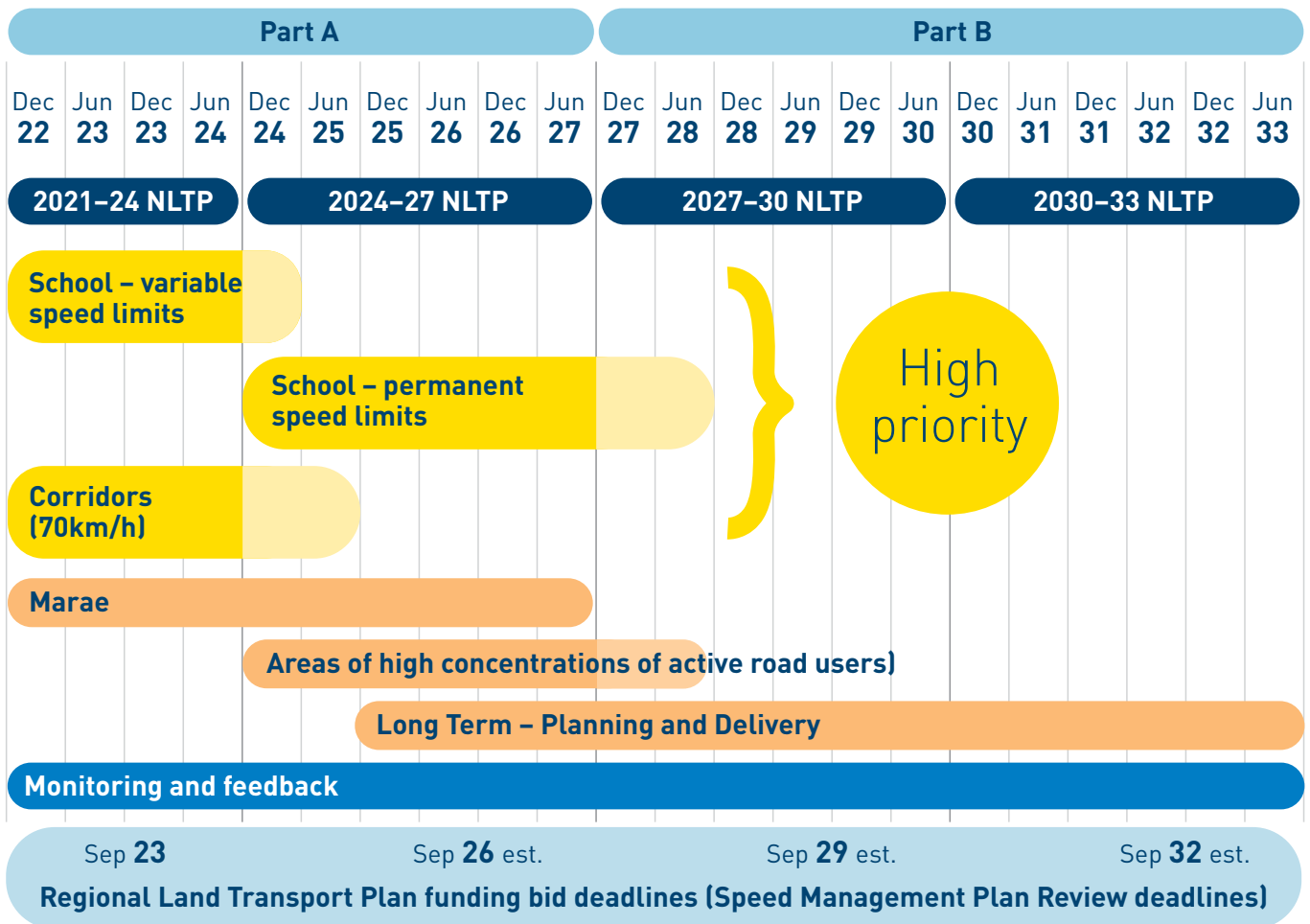
Each request is assessed to determine whether it fits under one of the above high-benefit areas, and where a request aligns with a high-benefit area it has been included in the three-year Implementation Plan.

Otherwise, there is an opportunity for it to be considered for inclusion in future *Speed Management Plans*.

Timeline

The timeline for the planning and delivery of the high-benefit areas is illustrated in Table 6 and may be altered to take advantage of or complement the delivery of other high-benefit areas.

Table 6: Speed Management Plan timeline



Note: Marae included with other High Benefit Areas

Review

The *Speed Management Plan* will be reviewed every three years. This will allow the inclusion of requests for speed management infrastructure in the Wellington Regional Land Transport Plan funding bids. The first deadline for funding bids is September 2023.

As a result:

- the deadline for this *Speed Management Plan* to be finalised is September 2023. This will enable the inclusion of speed-related infrastructure in the 2024–27 Regional Land Transport Plan that signals to Waka Kotahi the projects for which the region is seeking funding.
- planning for the review of the Plan for inclusion in the 2027–30 Regional Land Transport Plan is likely to start in 2025 or early 2026 to meet the estimated September 2026 deadline.



Part A: Speed Management Plan

High-benefit areas – selection criteria

The criteria used to assess high benefit areas are outlined as follows, with concepts illustrating the proposed scope of works provided in Appendix A.

Road corridors

Roads:

- identified by Waka Kotahi as 'high benefit'.
- with existing 70km/h speed limits that must be reviewed by Road Controlling Authorities with the proposed speed limits to be other than 70km/h.
- where the proposed speed limits differ from Waka Kotahi's assessments of what is safe and appropriate.

Streets around schools

All 20 schools within the Kāpiti Coast District have been identified by Waka Kotahi as high-benefit areas. This means the Council is required to use reasonable efforts to implement new speed limits for:

- at least 40 percent of all schools directly accessed from roads under its control by 30 June 2024.
- the remaining schools by 31 December 2027.

It is proposed that either variable or permanent 30km/h speed limits be installed as per the criteria outlined in Table 7.

Table 7: Streets around school’s criteria

Type	Criteria	Infrastructure (examples)
30km/h Variable Speed Limit (by the end of June 2024)	Installed on roads adjoining schools where significant increases in traffic (vehicle, cycle and pedestrian) are generated immediately before and after school by the schools. During other periods, volumes of all traffic are low.	<ul style="list-style-type: none"> • Standard treatments • Signs, markings, variable speed limit signs (LED/ static). On occasion • Zebra crossings on raised safety platforms or at grade.
30km/h Permanent Speed Limit (by the end of December 2027)	Installed on roads adjoining schools where additional traffic (vehicle, cycle and pedestrian) is generated continuously by adjacent land uses (for example, shops, transport hubs, car parks).	<ul style="list-style-type: none"> • Signs, markings, painted threshold treatments, humps, zebra crossings on raised safety platforms.

Marae

The Kāpiti District has four marae: Whakarongotai (Waikanae), Raukawa (Ōtaki), Te Pou o Tainui (Ōtaki) and Katihiku (Te Horo).

Except for Katihiku, which is accessed from a private road, marae have been identified as benefiting from either variable or permanent 30km/h speed limits on the roads fronting them.

Areas

Areas that have been identified by Waka Kotahi as ‘high benefit’ are illustrated in Figure 3.

Figure 3: Potential ‘high benefit’ areas (Source: Waka Kotahi)



In accordance with the staged approach, it is proposed that:

- safe and appropriate speed limits will not be applied to the entire area of the high-benefit areas highlighted above.

- 30km/h safe and appropriate speed limits will be implemented in several areas where there are high concentrations of active road users.

Monitoring and trials

To assess the effectiveness of any changes and to apply lessons to future *Speed Management Plans*, speeds will be monitored before and after installation and the results reported to the Council and the community.

In addition, we will seek feedback from the community on the effectiveness of road treatments, and there may be opportunities to trial some treatments to assist in reducing speeds.

Part B: Speed Management Plan

Planning

The second part of our *Speed Management Plan* covers what the Council **plans** to do beyond 2027 to meet Waka Kotahi requirements. This step change reflects community feedback received during the consultation process on the draft Speed Management Plan.

If the safe and appropriate speeds outlined by Waka Kotahi are implemented on all roads within the Kāpiti District, speed limits in the future (the 'end state') could look like the example shown in Figure 4.

Figure 4: Paraparaumu – Safe and appropriate speeds EXAMPLE based on full implementation



Reaching the end state will take some time and will be the subject of future *Speed Management Plans*.

The challenge for the Kāpiti Coast is to identify how and when we will get to the 'end state' and applying the lessons learned from implementing the Plan in the different stages.

At this point we are:

- proposing to install traffic-calming devices such as Pedestrian Refuges on road corridors where infrastructure is required to complement safe and appropriate speed limits as illustrated for example in Figure 5.
- not proposing to install traffic-calming devices on all roads, as illustrated in Figure 6.

Figure 5: What's in – Traffic-calming devices on relevant roads



Figure 6: What's out – Traffic-calming devices on all roads



During the consultation phase on the *Draft Speed Management Plan: 2023–2033* the public were invited to submit feedback on the following options, ranking the options in order of preference.

Table 8: Part B Options

Option	Name	Description
1	Expand school zones	<ul style="list-style-type: none"> Extend the existing speed-limit buffer around schools to 1km for primary schools and 2.25km approx. for high schools. This is the distance that most students are prepared to walk or cycle.
2	Expand areas	<ul style="list-style-type: none"> Implement a 30km/h zone area for defined neighbourhoods and extend the existing speed limit buffer around town centres to 400m as this is generally accepted as an appropriate walking distance.
3	Road corridors	<ul style="list-style-type: none"> Install infrastructure along road corridors to reduce travel speeds along the road corridor and/or to provide opportunities for pedestrians/ cyclists to cross the road corridors safely. For example (1) Construct Pedestrian Refuges (2) Extend kerbs at intersections to slow the entry/ exit speeds of vehicles. These road corridors are classified as Urban Connectors, e.g. The Parade, Mazengarb Road, Arawhata Road, Kāpiti Road, Te Moana Road, Park Avenue, Aotaki Street, Waerenga Road and Mill Road.
4	Reduce speeds on all roads	<ul style="list-style-type: none"> Reduce speed limits on all roads within the Kāpiti District to safe and appropriate speed limits.

The options ranked in priority order are:

Figure 7: Road corridors (rank 1)



- Install infrastructure along road corridors to reduce travel speeds along the road corridor and/or to provide opportunities for pedestrians/ cyclists to cross the road corridors safely. For example:
 - Construct pedestrian refuges.
 - Extend kerbs at intersections to slow the entry/ exit speeds of vehicles.
 - Variable speed limits where appropriate.

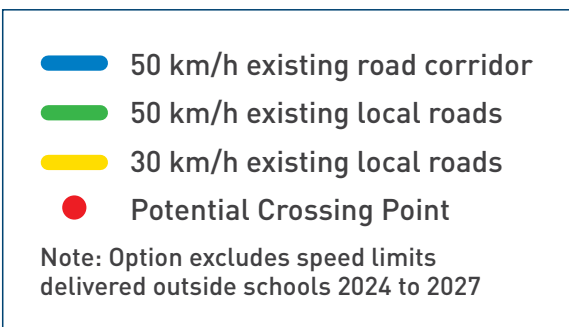
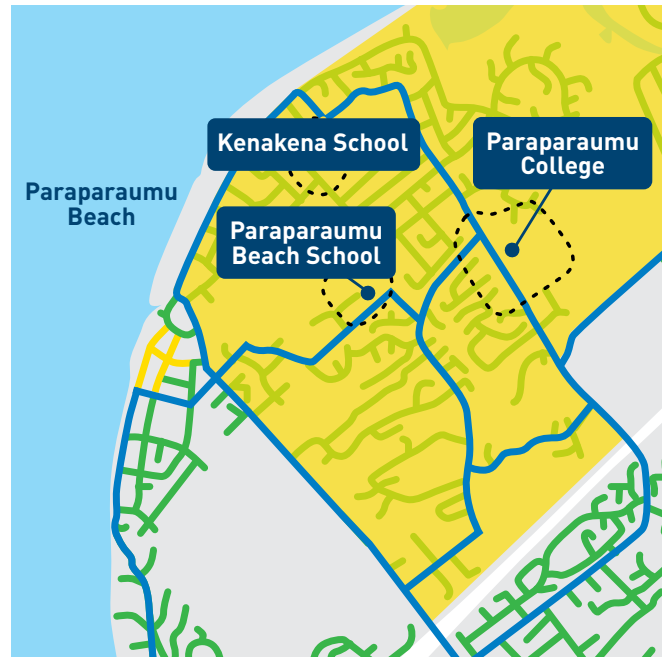
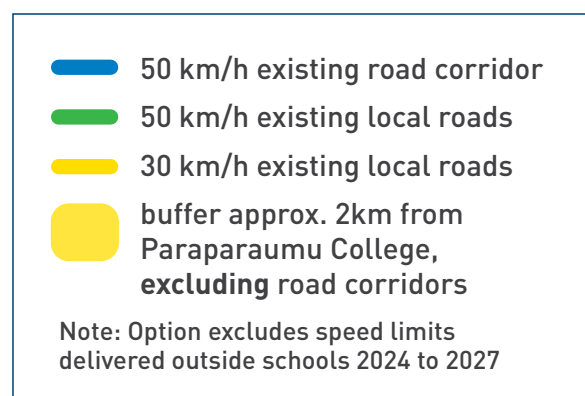


Figure 8: Expand school zones (rank 2)



Extend the existing buffer around schools to 1km for primary schools and 2.25km approx. for high schools. This is the distance that most students are prepared to walk or cycle.

- This will improve safety for students and the community and further encourage and create the opportunity for children to walk and bike to school safely.
- Tools that could be utilised to give effect to the buffer include reduced speed limits and/or infrastructure such as footpaths and pedestrian refuges.



Other feedback received from the community included requests for reduced speed limits that did not fit into Part A or Part B of the *Speed Management Plan*. These requests are summarised in Table 9 for future consideration.

Table 9: Other feedback by Community Board and Road/ Street

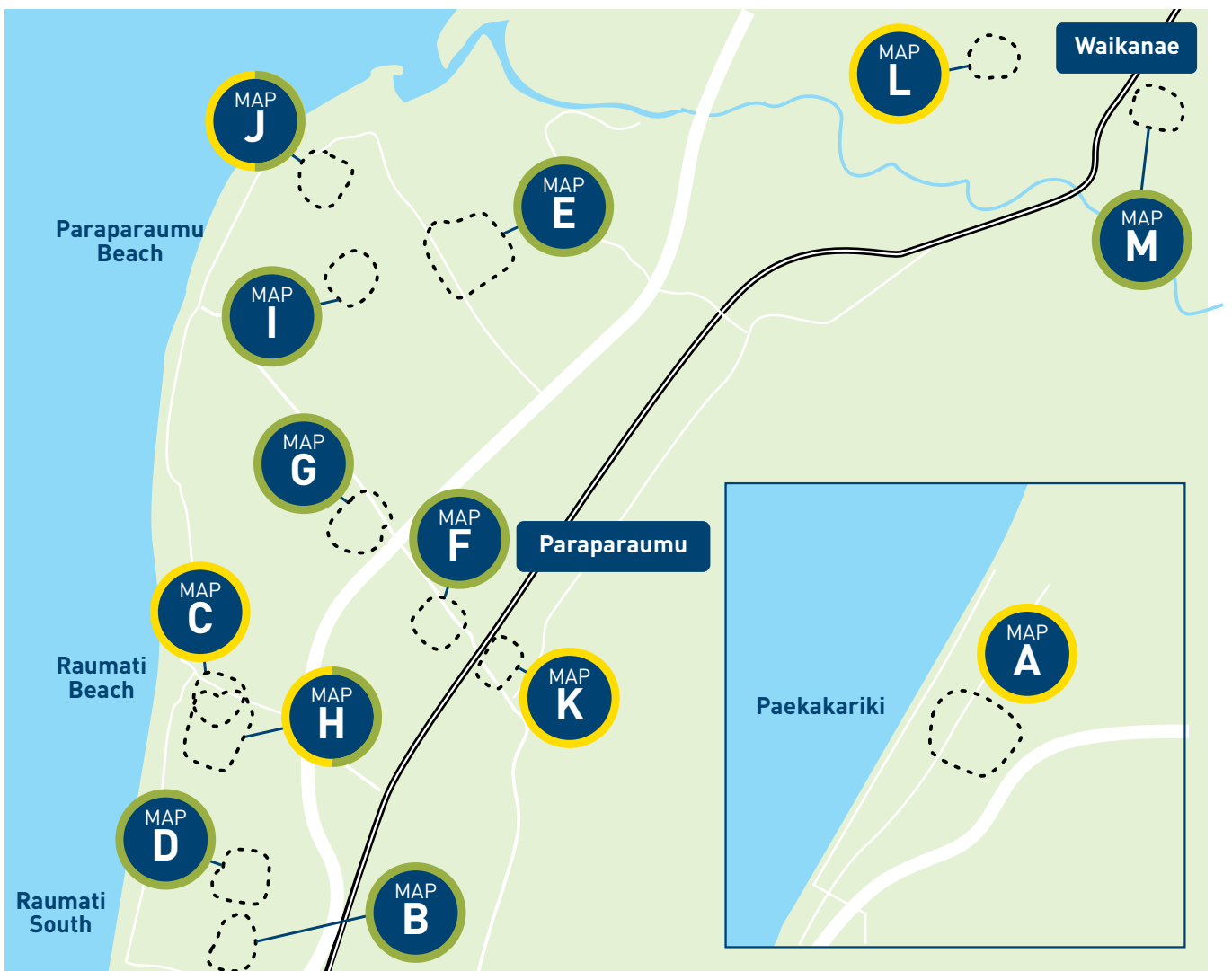
Road/ Street	Ōtaki	Paekākāriki	Paraparaumu	Raumati	Waikanae
Alexander Street				√	
Aotaki Street	√				
Arawhata Road			√		
Blue Gum Road			√		
Elizabeth Street					√
Field Way					√
Gear Rd	√				
Hadfield Street	√				
Kapanui Road					√
Kāpiti Road			√		
Kirk Street	√				
Kohekohe Road					√
Koromiko Road					√
Langdale Avenue			√		
Linwood Avenue			√		
Mahaki Road			√		
Manly Street			√		
Marine Parade	√				
Mazengarb Road			√		
Menin Road				√	
Mill Road	√				
Ngarara Road					√
Old Hautere Rd	√				
Old SH1 (Ōtaki)	√				
Old SH1 (Waikanae)					√
Ōtaki Gorge Rd	√				
Park Avenue					√

Road/ Street	Ōtaki	Paekākāriki	Paraparaumu	Raumati	Waikanae
Pekapeka - Te Horo Beach					√
Pukenamu Road					√
Rahui Road	√				
Rangiuru Road	√				
Raukawa Street	√				
Ruahine Street			√		
Reikorangi Road					√
Rimu Road			√		
Rosetta Road - entire length				√	
School Rd	√				
Tasman Road	√				
Taylors Rd	√				
Te Moana Rd					√
The Parade		√			
The Drive			√		
Winiata Way	√				

Implementation programme

A high-level implementation programme covering the period to the end of 2027 focusing on the high-benefit areas is illustrated in Figures 9 – 12 and Tables 10 – 12. Detailed concepts for the high-benefit areas as identified for the Kāpiti Coast are illustrated in Appendix A.

Figure 9: Implementation programme – schools (Paekākāriki/Paraparaumu/Waikanae)



Refer to Appendix A for concept plans

Table 10: Implementation programme – Schools#1

Map	School	Proposed speed limit	Timing
A	Paekākāriki Village	30km/h permanent through the Village	2024 - 27
B	Te Rā Waldorf School and Te Rāwhiti Kindergarten	30km/h variable	2021 - 24
C	Raumati Beach School	30km/h permanent	2024-27
D	Raumati South School	30km/h variable	2021-24
E	Paraparaumu College	30km/h variable	2021-24
F	Kāpiti School	30km/h permanent	2021-24
G	Our Lady of Kāpiti School	30km/h variable	2021-24
H	Kāpiti College	30km/h variable	2021 - 24
		30km/h permanent	2024 - 27
I	Paraparaumu Beach School	30km/h variable	2021-24
J	Kenakena School	30km/h variable	2021-24
		30km/h permanent	2024-27
K	Paraparaumu School	30km/h permanent	2024-27
L	Kapakapanui	30km/h permanent	2024-27
M	Waikanae School	30km/h variable	2021-24

Refer to Appendix A for concept plans

Figure 10: Implementation Programme - Schools (Ōtaki#1)

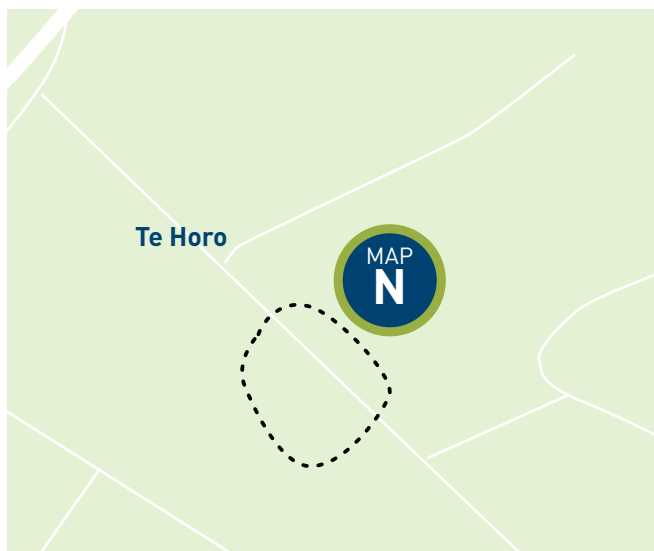


Figure 11: Implementation Programme - Schools (Ōtaki#2)



Table 11: Implementation programme – Schools#2

Map	School	Proposed speed limit	Timing
N	Te Horo School	30km/h variable	2021–24
O	Ōtaki College	30km/h variable	2021–24
P	Ōtaki School	30km/h variable	2021–24
Q	Te Kura-a-iwi Whakatupuranga Rua Mano	30km/h permanent	2024–27
R	Te Kura Kaupapa Māori o Te Rito	30km/h permanent	2024–27
S	St Peter Chanel School	30km/h variable	2021–24
T	Waitohu School	30km/h variable	2021–24

Refer to Appendix A for concept plans

Table 12: Implementation programme – Road corridors

Roads	Current speed limit (km/h)	Safe and appropriate speed limit (km/h)	New speed limit (km/h)	Comments
Valley Road (From 221 Valley Road south to end at Waterfall Road)	80	60	60	High-benefit road corridor (MegaMaps, Waka Kotahi)
Riverbank Road (Old SH1 to 80m southeast of Titoki Street)	70	40	50	Interim measure, as reducing the speed limit to the safe and appropriate speed limit (40km/h) would result in a speed limit that is out of context with the adjacent speed limits. The reduced speed limit would add approximately 22 seconds to a trip along the length of this part of Riverbank Road.
Riverbank Road (35m west of Aotaki Street to 65m south of Rangiuuru Road)	70	60	60	The reduced speed limit would add approximately 11 seconds to a trip along the length of this part of Riverbank Road.
Peka Peka Road (94 Peka Peka Road to 62m east of Paetawa Road)	80	80	60	The safe and appropriate speed limit has not taken into account the fact that this road is part of the Kāpiti Coast Cycle Route, which is used heavily by cyclists who have to ride partly in the traffic lane due to the lack of a sealed shoulder. The reduced speed limit would add approximately 26 seconds to a trip along the length of this part of Peka Peka Road.

Refer to Appendix A for concept plans

30km/h safe and appropriate speed limits will be implemented in several areas where there are high concentrations of active road users.

Figure 12: Implementation programme – Areas with high numbers of active road users

Raumati South village



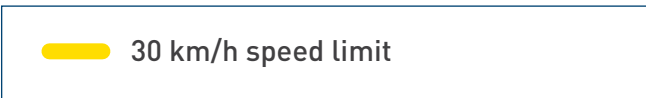
Raumati village



Waikanae Beach village

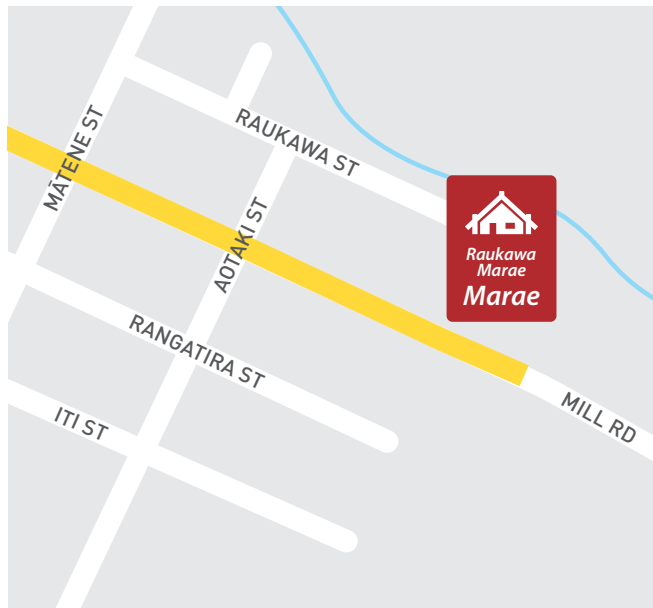


Waikanae Town centre

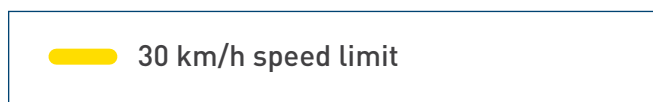


Refer to Appendix A for concept plans

Ōtaki Town centre



Te Horo Beach



What would it cost?

Table 13: Speed Management Plan – cost estimate for Part A

High-benefit areas	2021–24 ⁶	2024–27
Streets around schools	\$548,300	\$2,241,000
Road corridors	\$8,400	\$0
Areas with high concentrations of active road users	\$0	\$383,000
Base Programme (A)	\$556,700	\$2,624,000
Road Corridors (B)	\$0	\$351,000 (See note 1)
Total (A + B)	\$556,700	2,975,000

Note 1: Crossing points on Te Moana Rd, Tutere Street, and Mazengarb Road

Refer to Appendix A for concept plans

⁶ – From existing budgets

If the Council is unsuccessful in obtaining Waka Kotahi funding assistance for the 2024–27 period through the Regional Land Transport Plan process, there are two options:

- **Option 1:**
Reduce the scope of works to reflect the level of funding assistance provided by Waka Kotahi.
- **Option 2:**
Make no change to the scope of works, with the shortfall in funding being topped up by Council.

Adjacent Road Controlling Authorities

Kāpiti Coast District Council borders three other Road Controlling Authorities with a number of roads that straddle both. These roads are listed in Table 14 with the existing posted speed limit, safe and appropriate speed limit and a comment where warranted.

Table 14: Adjacent RCA's

No	Road	RCA	Existing posted speed limit km/h	Safe and appropriate speed limit km/h	Comment
1	Waitohu Valley Road	Horowhenua DC	80	60	Refer to Note 1
		Kāpiti Coast DC	60	60	-
2	Akatarawa Road	Upper Hutt CC	50	60	-
		Kāpiti Coast DC	50	60	-
3	Paekākāriki Hill Road	Porirua CC	60	60	-
		Kāpiti Coast DC	60	60	-

Note 1:

Horowhenua District Council will continue to review speed limits within the District every three years, in line with the Land Transport Rule: Setting of Speed Limits 2022. Priorities for future Speed Management Plans have not yet been decided. It is likely that the speed limit on Waitohu Valley Road will be considered at the same time as those on other rural roads and the timing of this will be determined following consultation with the community, direction from elected members, and after considering priorities outlined by Waka Kotahi and Horizons Regional Council.

Next Steps

Some key steps are listed for Part A and part B of the Speed Management Plan as listed in Table 15.

Table 15: Key steps

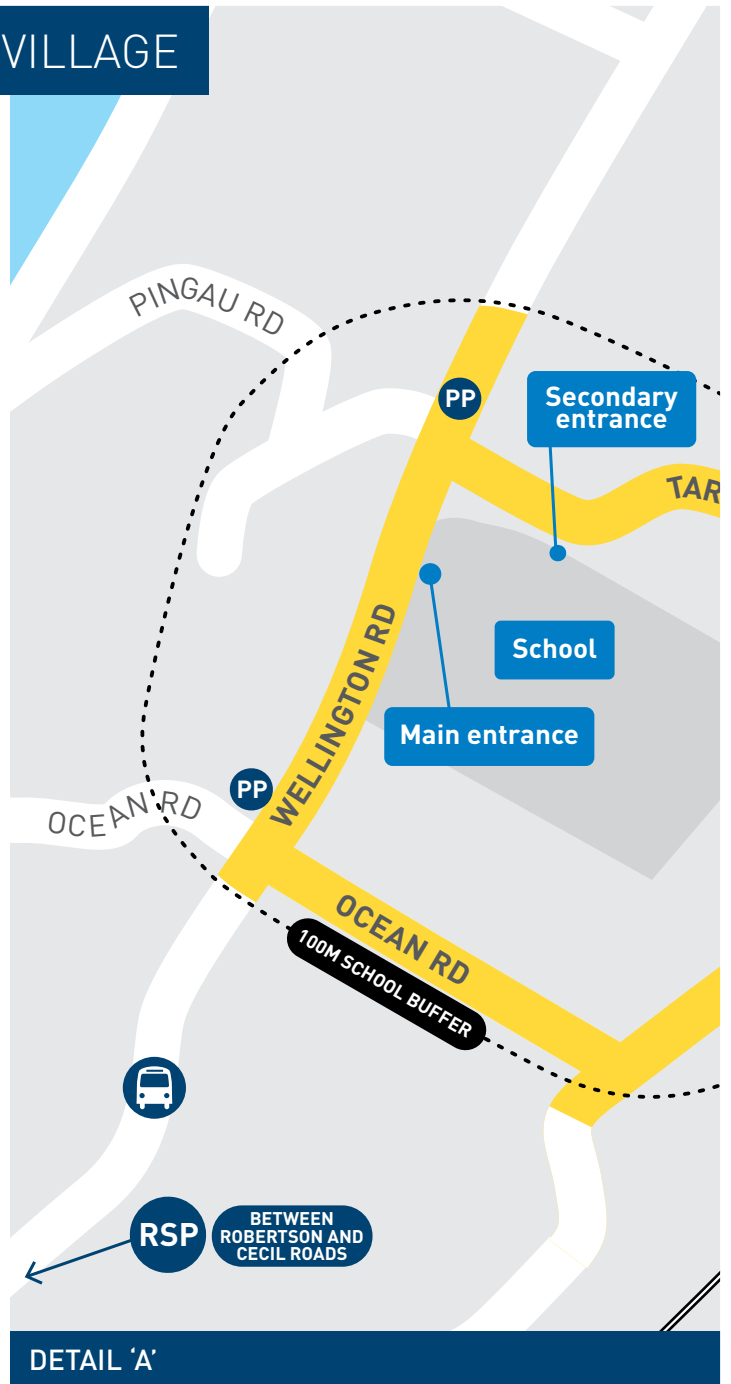
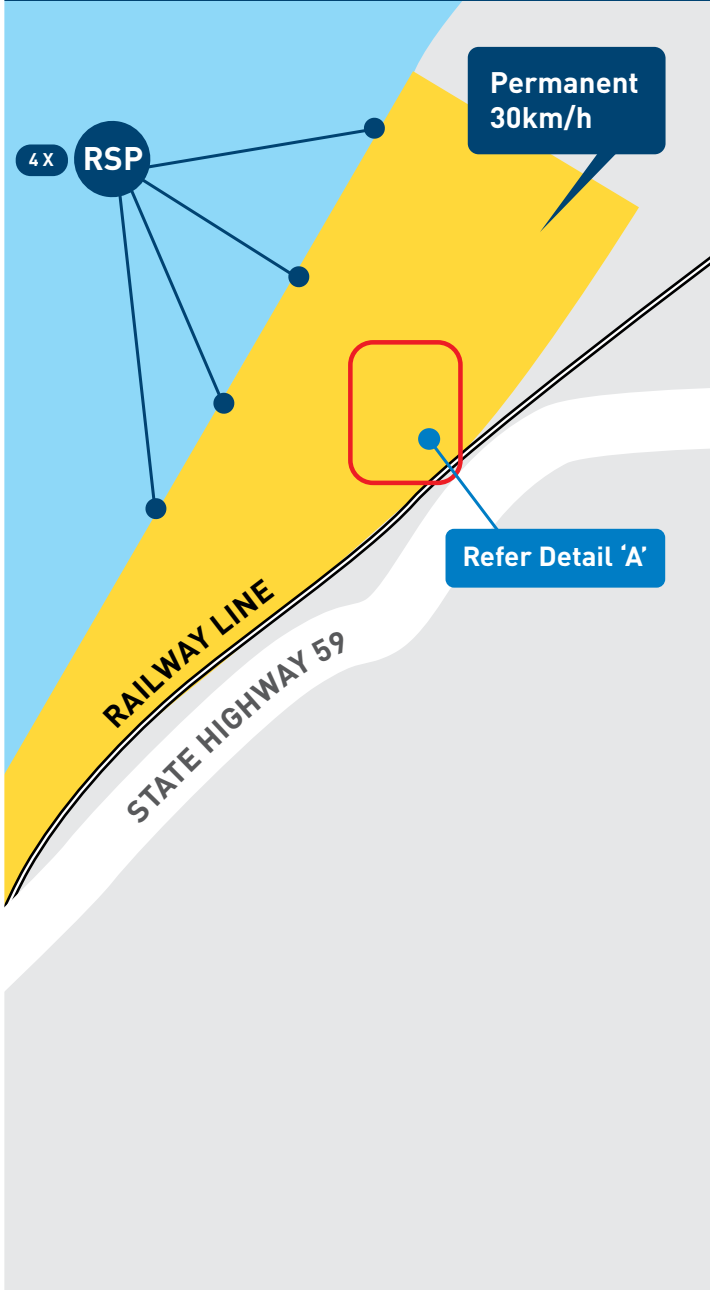
Part	Step	Description	Timing
A	Schools - Variable Speed Limits	Implement Variable Speed Limits	By June 2024
A	Marae - Variable Speed Limits	Implement Variable Speed Limits	By June 2024
A	Road Corridors - Permanent Speed Limits	Implement Permanent Speed Limits	By June 2024
A	Areas - Permanent Speed Limits	Confirm extent of speed limit, location of infrastructure	First half of 2024
A	Schools - Permanent Speed Limits	Confirm extent of speed limit, location and type of infrastructure	First half of 2024
A	Areas - Permanent Speed Limits	Commence design	Second half 2024
A	Schools - Permanent Speed Limits	Commence design	Second half 2024
B	Road corridors points	Develop concept designs that can be used as the basis for future consultation	2025
B	Streets around schools	Commence engagement with schools with the objective of developing concepts that can form the basis of future consultation	2025

In addition, the Access and Transport team will:

- Update Council annually on progress in delivering the Speed Management Plan.
- Update members of the community who indicated that they wished to be kept informed of progress in implementing the Speed Management Plan.
- Update both Council and members of the community on the results of monitoring before and after implementation.

Appendix A: Concept Plans

A: PAEKĀKĀRIKI – PAEKĀKĀRIKI VILLAGE



For installation by 2024–27

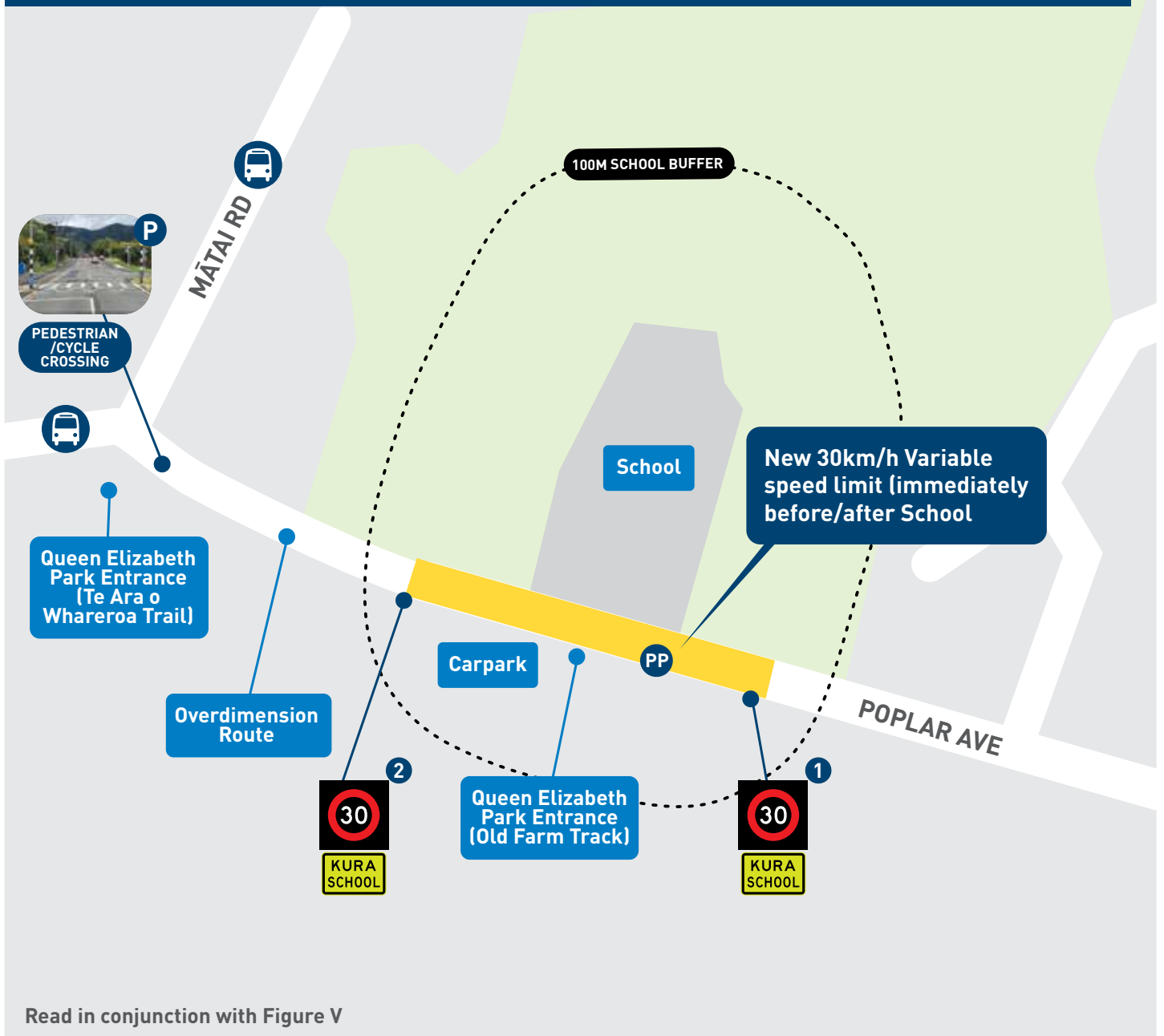


Pedestrian Platform



Construct Hump/
platform

B: TE RĀ WALDORF SCHOOL AND TE RĀWHITI KINDERGARTEN



For installation by June 2024



New signs installed (See notes)



Dual cycle/pedestrian crossing on raised platform

NOTE:

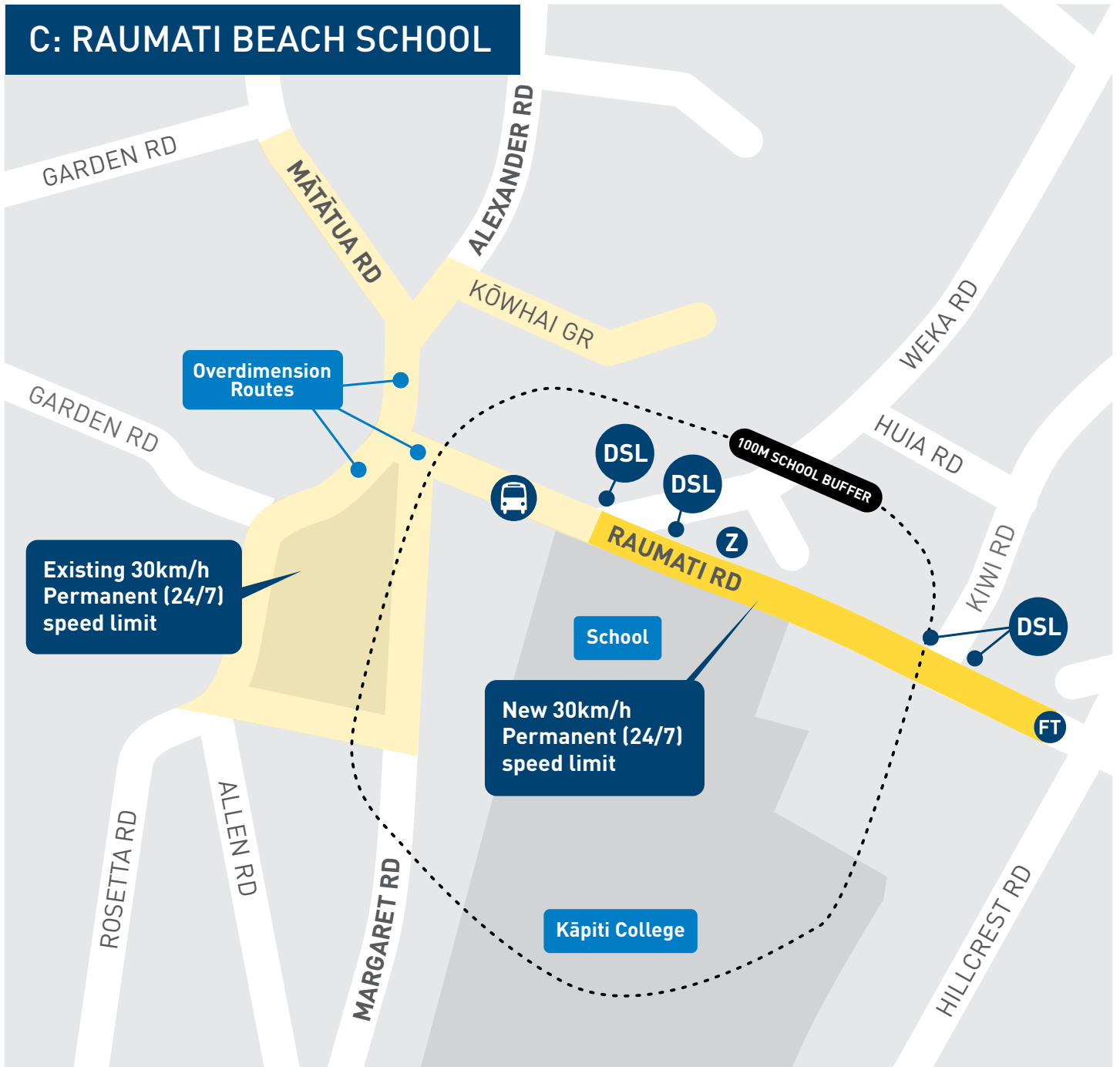
- 1 New sign replacing existing 'School Zone' sign at existing location.
- 2 New sign, new location 135m east of Matai Road.

For installation by 2024-27



Pedestrian Platform

C: RAUMATI BEACH SCHOOL



For installation 2024–27



Supply and install double sided speed limit signs, e.g., 30/50

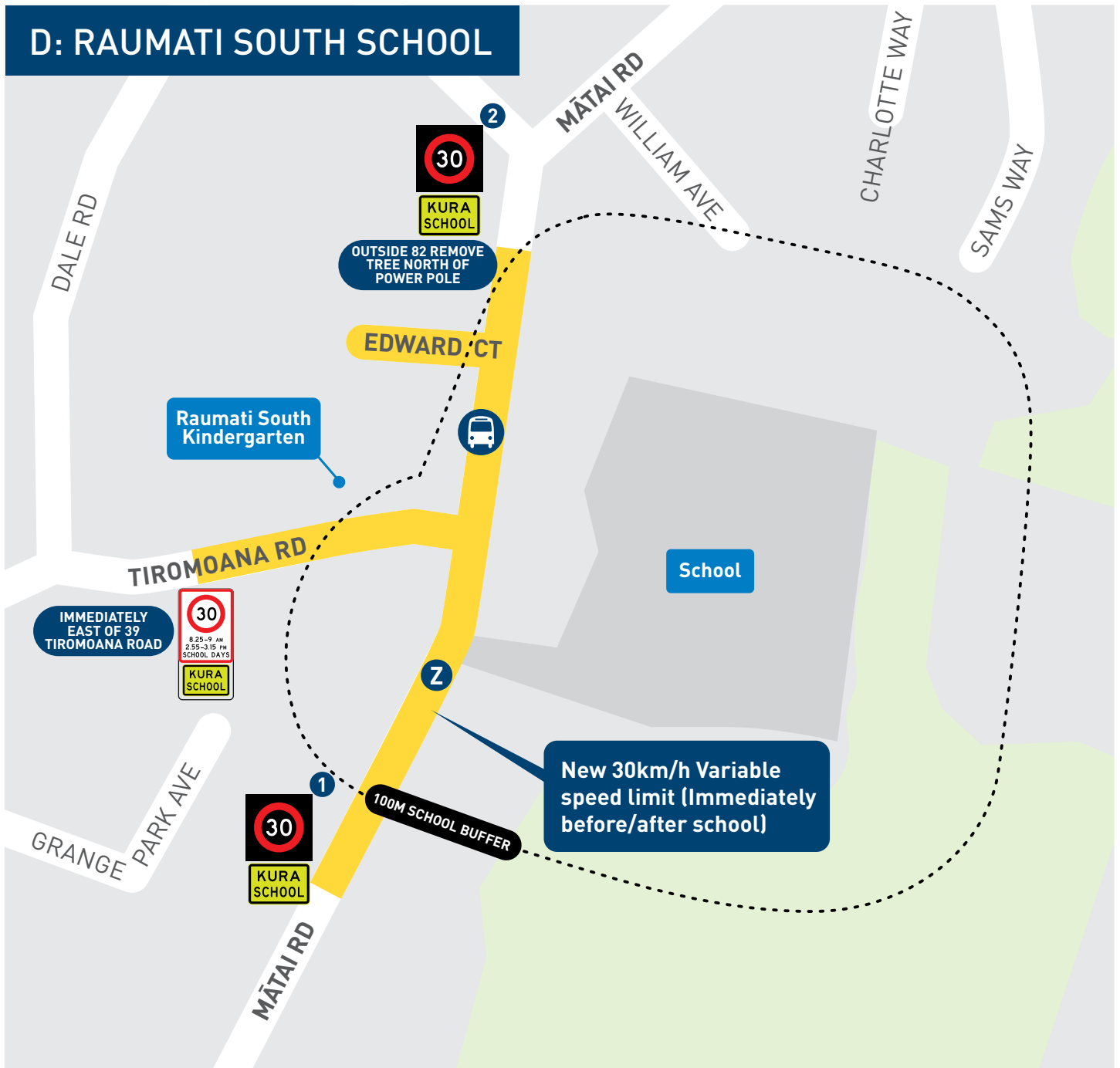


Reconstruct existing Zebra Crossing on Raised Safety Platform




Flush Threshold treatment, e.g., 30/50 (immediately west of Gold Coast Apartments)


D: RAUMATI SOUTH SCHOOL



For installation by June 2024



Install Kura School Variable (See notes)



Install Static Variable School speed limit signs

NOTE:

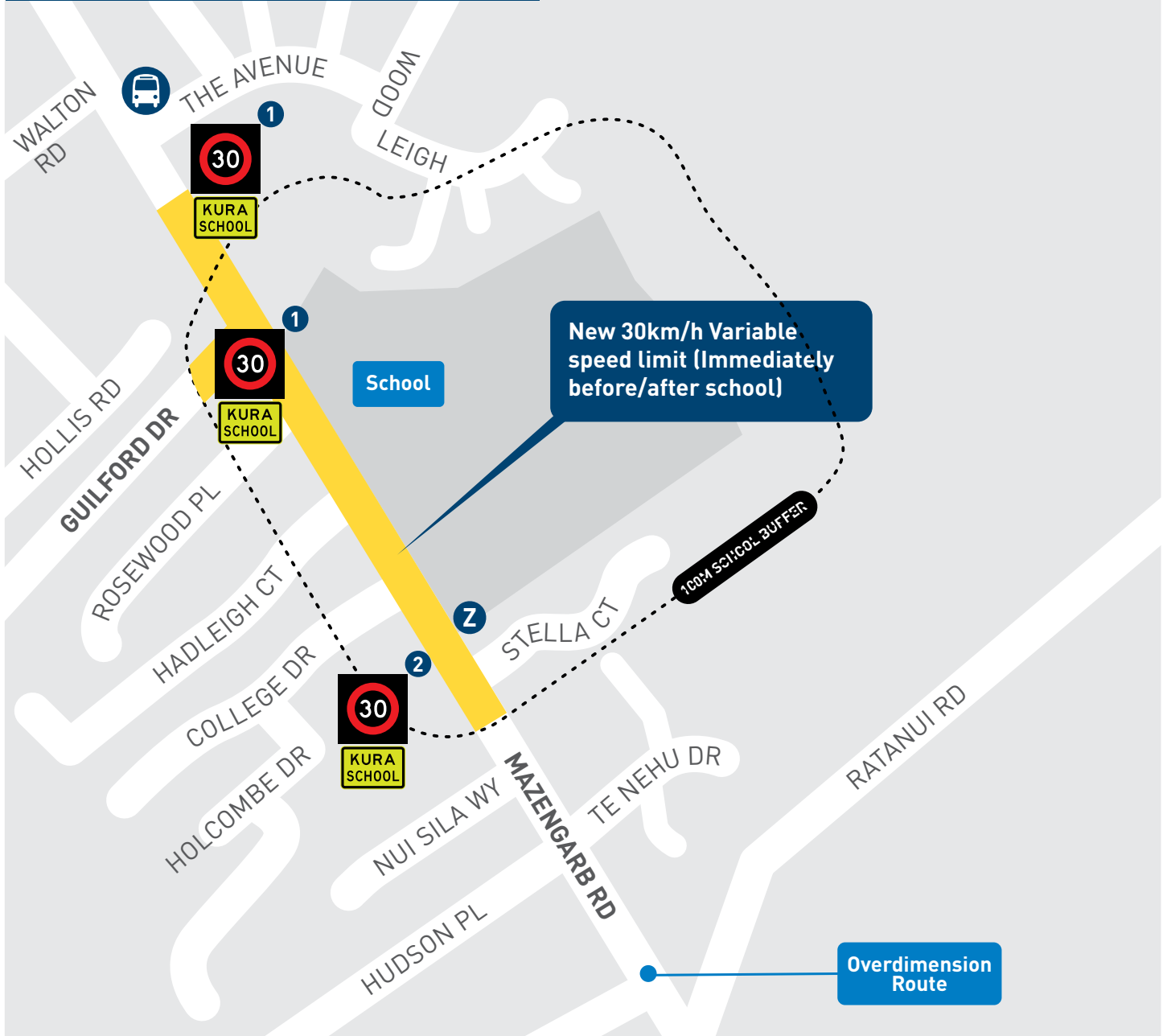
- 1 New sign replacing existing 'School Zone' sign at existing location.
- 2 New sign, new location.
- 3 Timing of when Variable School speed limits apply to be confirmed.

For installation 2024-27



Z Reconstruct existing Zebra Crossing on Raised Safety Platform

E: PARAPARAUMU COLLEGE



For installation by June 2024



Install Kura School Variable (See notes)

NOTE:

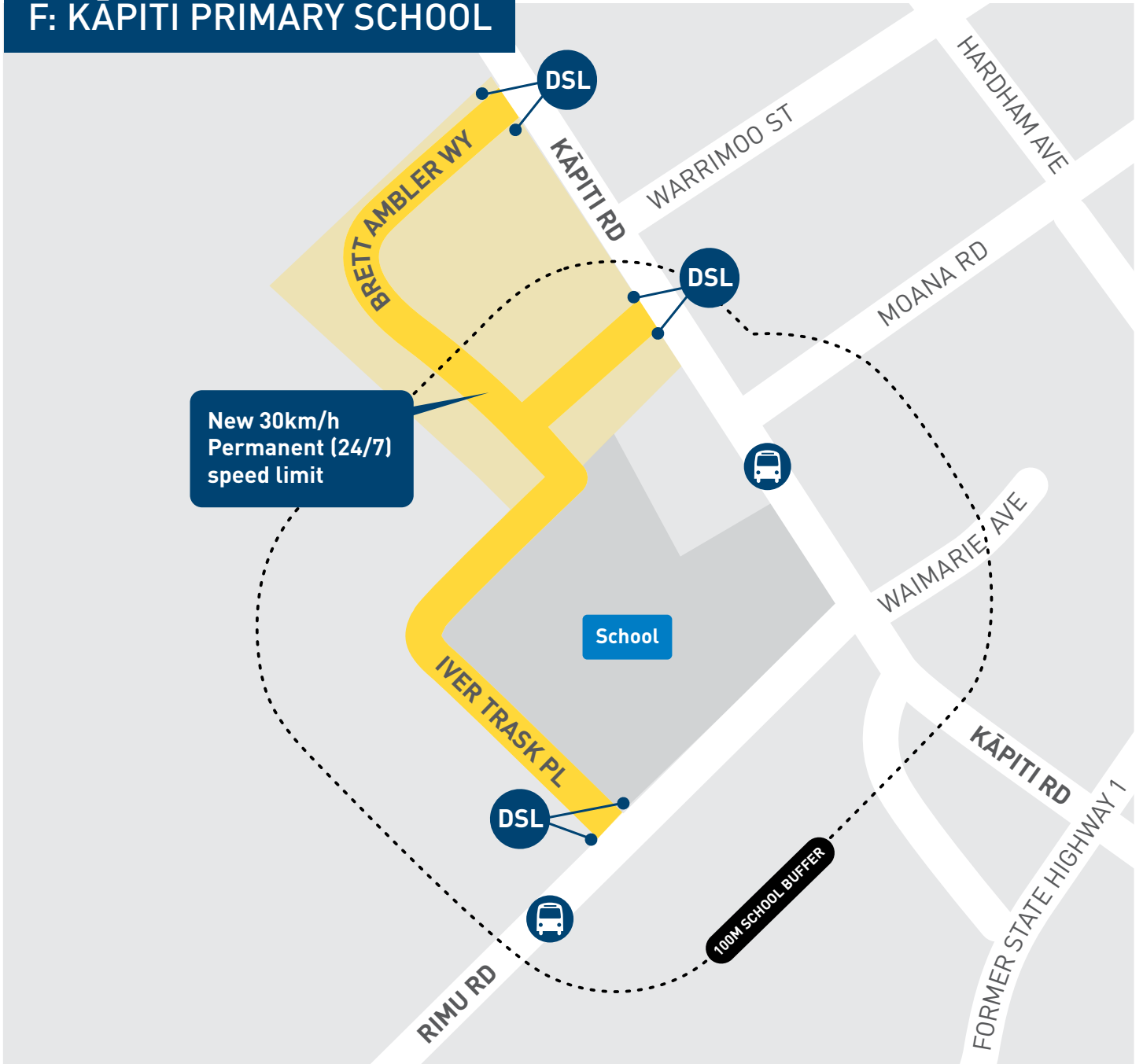
- 1 New sign replacing existing 'School Zone' sign at existing location.
- 2 New sign, new location.

For installation 2024-27



A new Zebra Crossing at existing crossing point, includes lighting upgrade, no Raised Safety Platform

F: KĀPITI PRIMARY SCHOOL

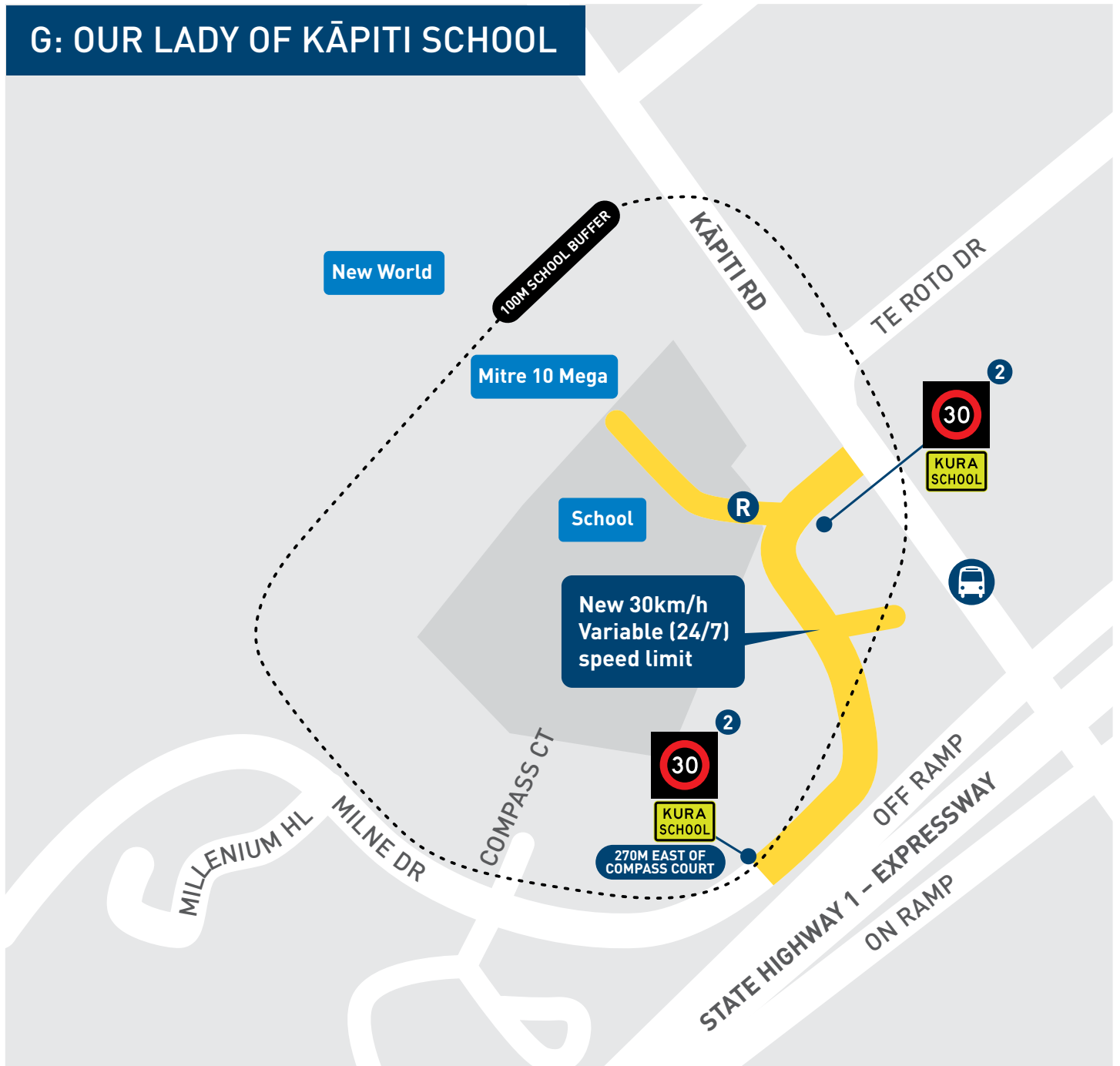


For installation by June 2024



DSL Supply and install double sided speed limit signs

The complex block contains two circular speed limit sign icons: a red circle with a white border and the number '30' in black, and a red circle with a white border and the number '50' in black. To the right of these icons is the text 'DSL Supply and install double sided speed limit signs'.

G: OUR LADY OF KĀPITI SCHOOL



For installation by June 2024

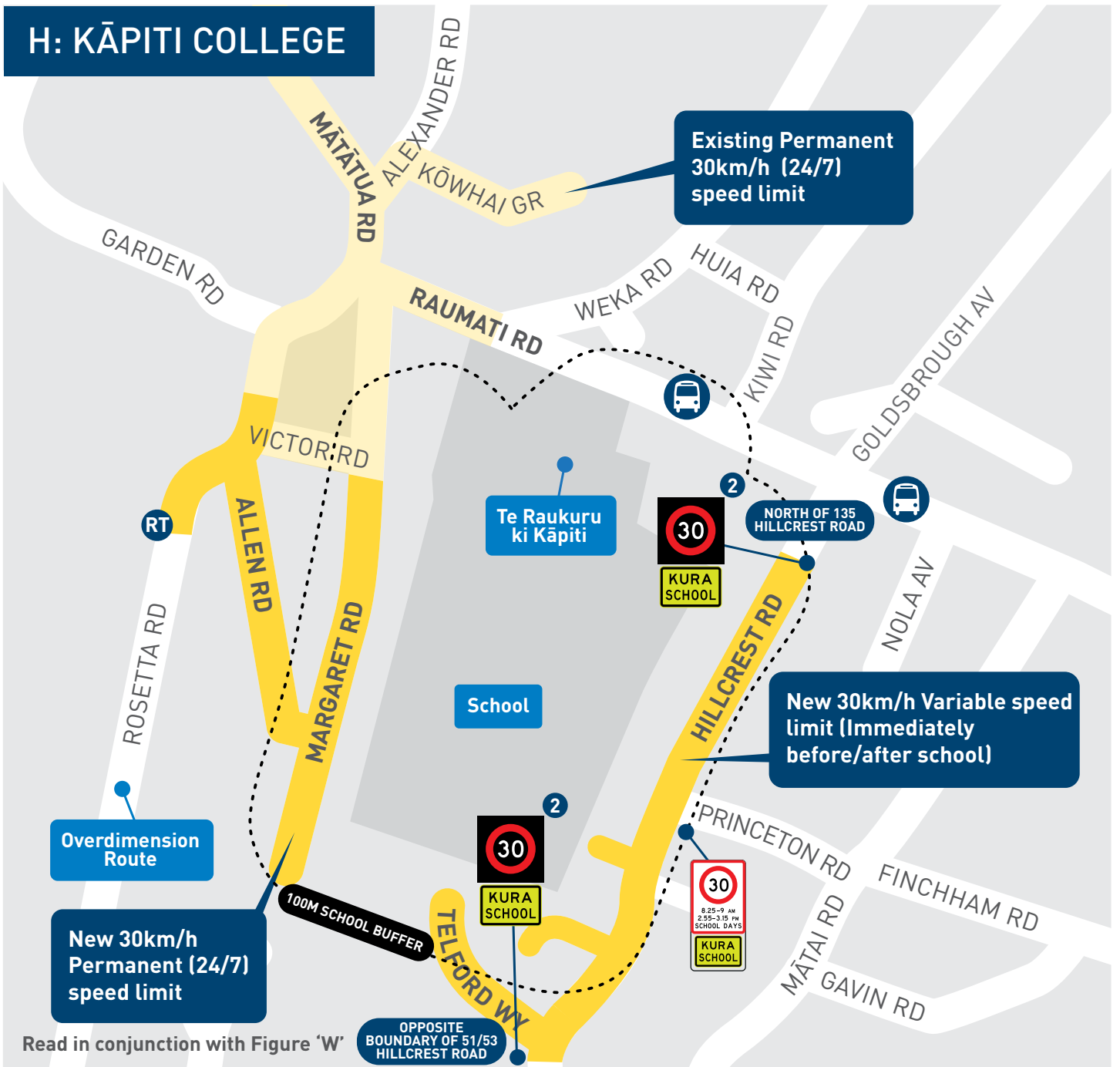
 New signs installed (See notes)


NOTE:
 2 New sign, new location.

For installation 2024-27

  Construct Pedestrian Refuge plus Kerb Crossing ramps, and lighting upgrade


H: KĀPITI COLLEGE




Read in conjunction with Figure 'W'

OPPOSITE BOUNDARY OF 51/53 HILLCREST ROAD

For installation by June 2024



Install Kura School Variable (See notes)



Install Static Variable School speed limit signs

NOTE:

- 2 New sign, new location.
- 3 Timing of when Variable School speed limits apply to be confirmed.

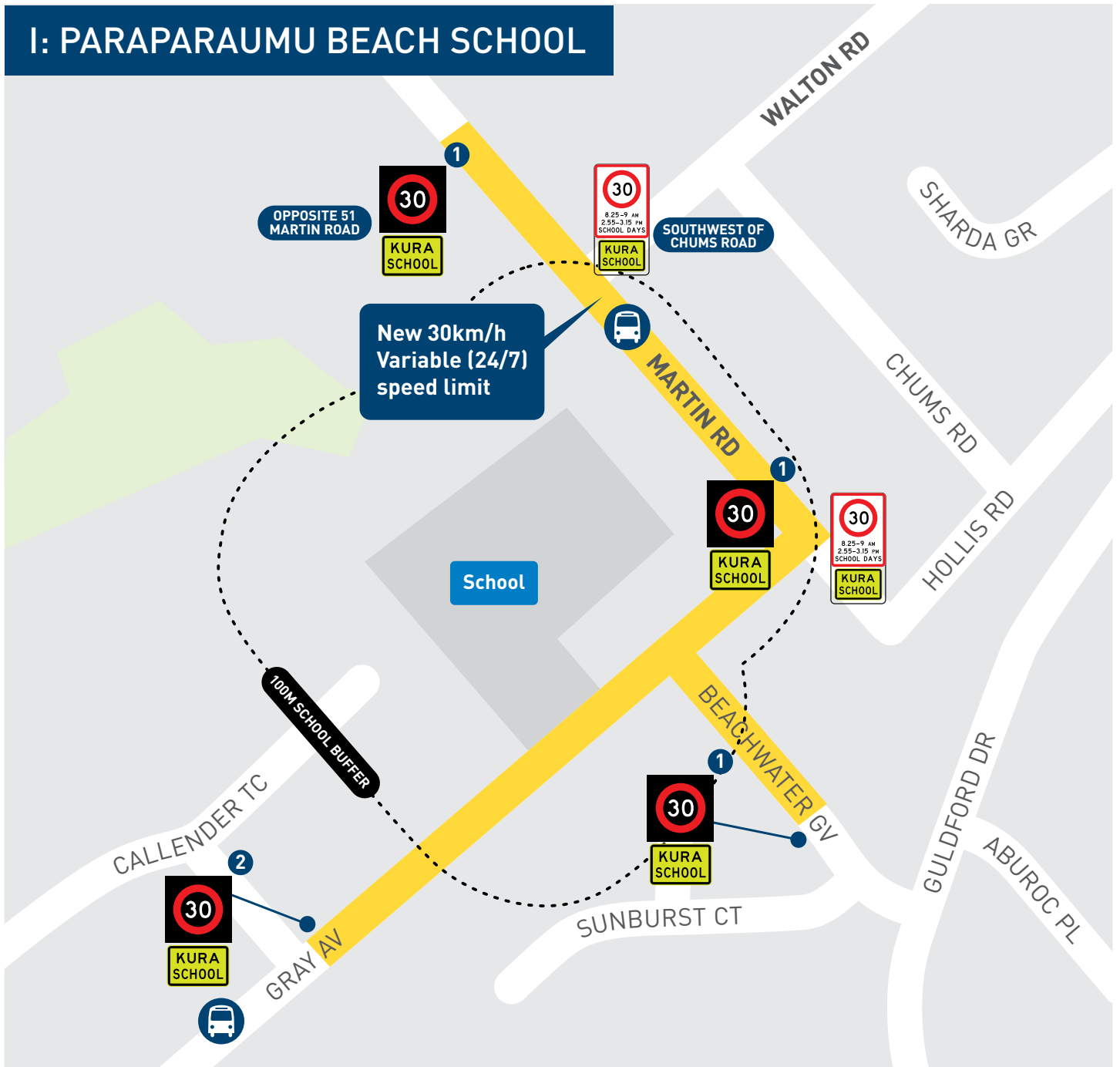
For installation 2024-27



RT

Raised Threshold Treatment

I: PARAPARAUMU BEACH SCHOOL



For installation by June 2024



Install Static Variable School speed limit signs

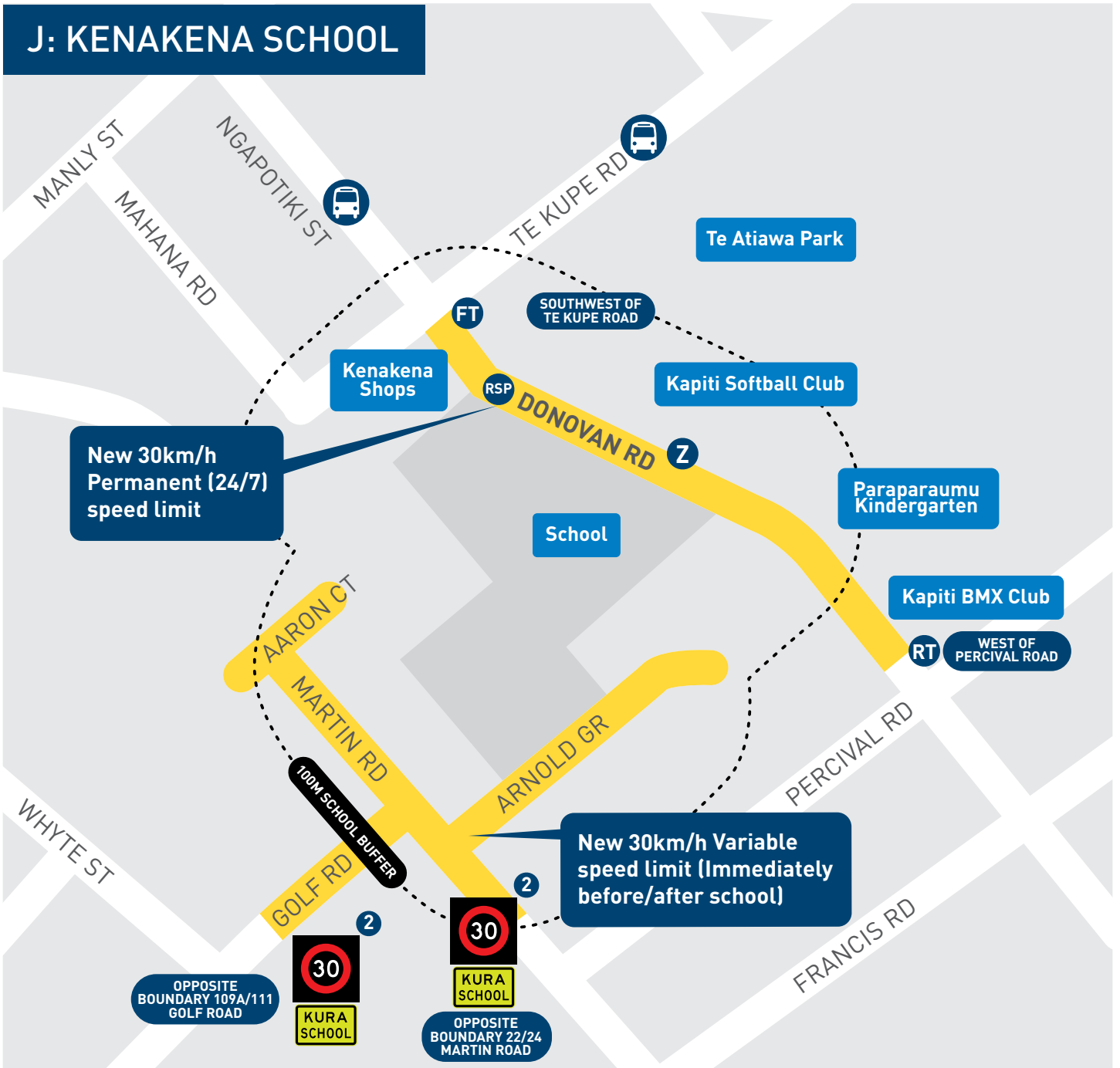


Install Kura School Variable (See notes)


NOTE:

- 1 New sign replacing existing 'School Zone' sign at existing location.
- 2 New sign, new location.
- 3 Timing of when Variable School speed limits apply to be confirmed.


J: KENAKENA SCHOOL



For installation by June 2024


 Install Kura School Variable (See notes)

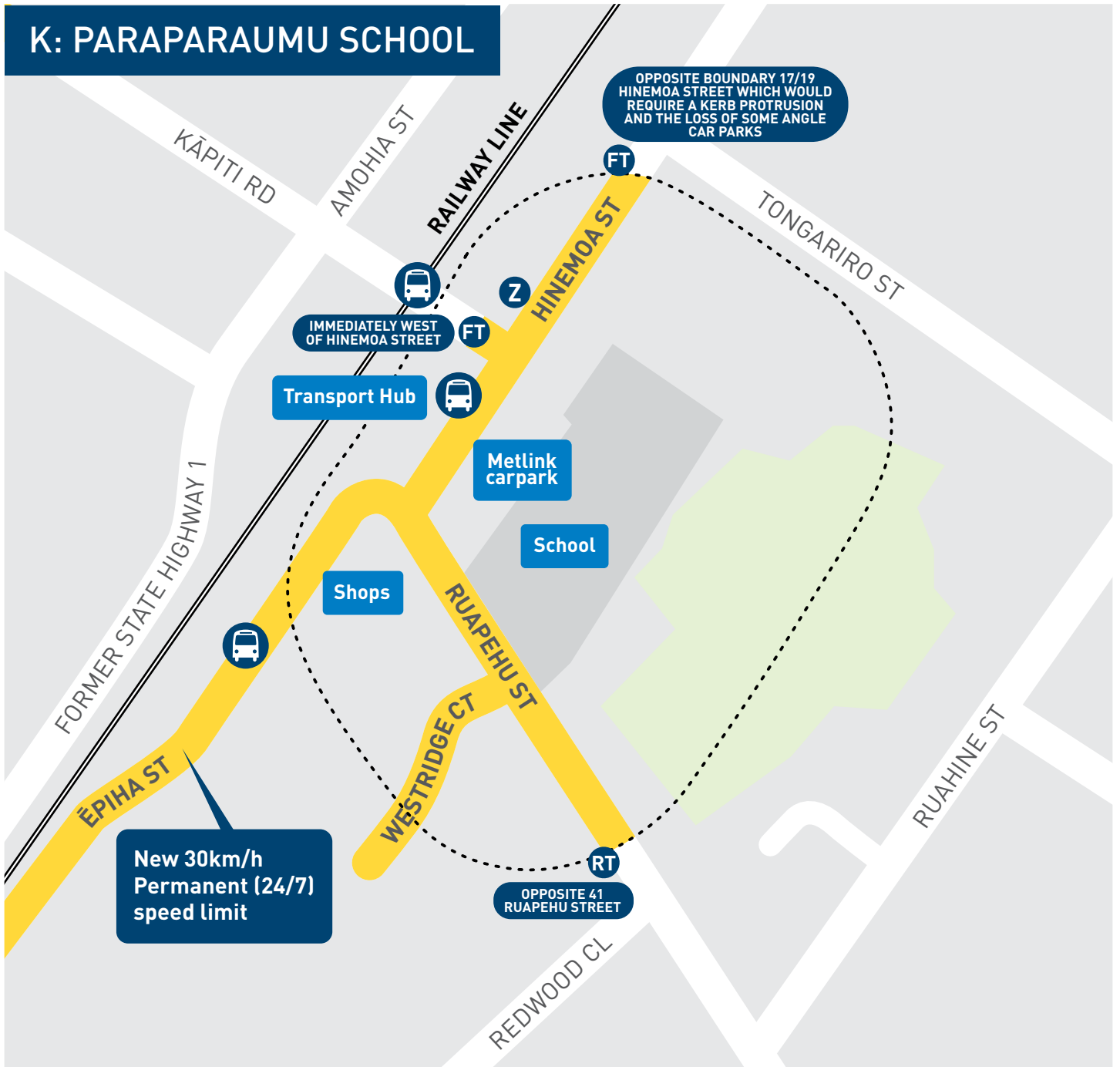
NOTE:

 New sign, new location.

For installation 2024-27

 <p>FT</p>	 <p>RSP</p>	 <p>Z</p>
 <p>RT</p>	<p>Flush Threshold treatment, e.g., 30/50</p> <p>Construct Raised Safety Platform</p> <p>Raised Threshold Treatment</p>	<p>Reconstruct existing Zebra Crossing on Raised Safety Platform</p>

K: PARAPARAUMU SCHOOL



For installation 2024-27



Reconstruct existing Zebra Crossing on Raised Safety Platform

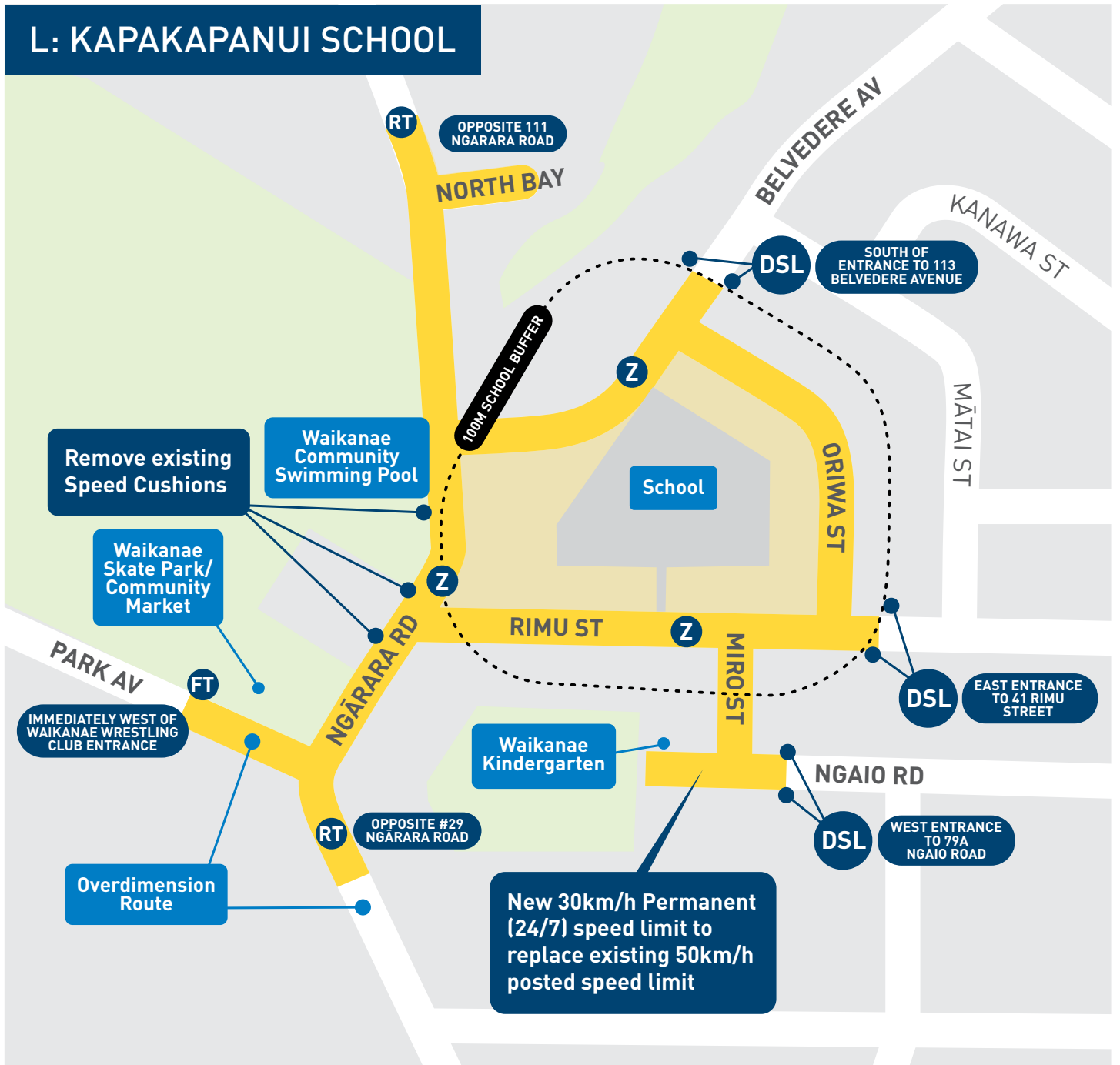


Raised Threshold Treatment



Flush Threshold treatment, e.g., 30/50

L: KAPAKAPANUI SCHOOL



For installation 2024-27



Supply and install double sided speed limit signs, e.g., 30/50



Reconstruct existing Zebra Crossing on Raised Safety Platform

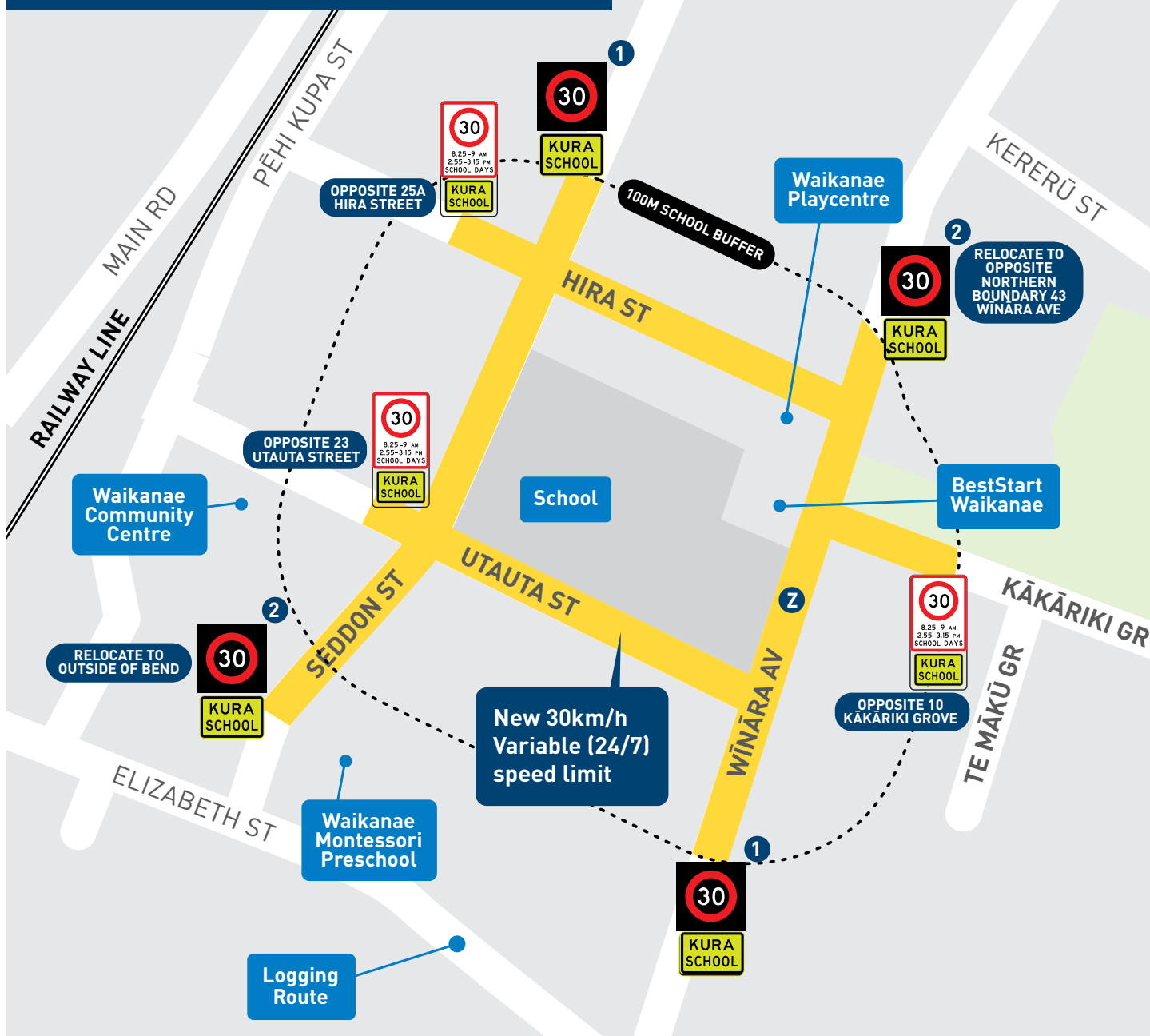


Flush Threshold treatment, e.g., 30/50





Raised Threshold Treatment

M: WAIKANAE PRIMARY SCHOOL



For installation by June 2024

 <p>Install Kura School Variable (See notes)</p>	 <p>Install Static Variable School speed limit signs</p>
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NOTE:

- 1 New sign replacing existing 'School Zone' sign at existing location.
- 2 New sign, new location.
- 3 Timing of when Variable School speed limits apply to be confirmed.

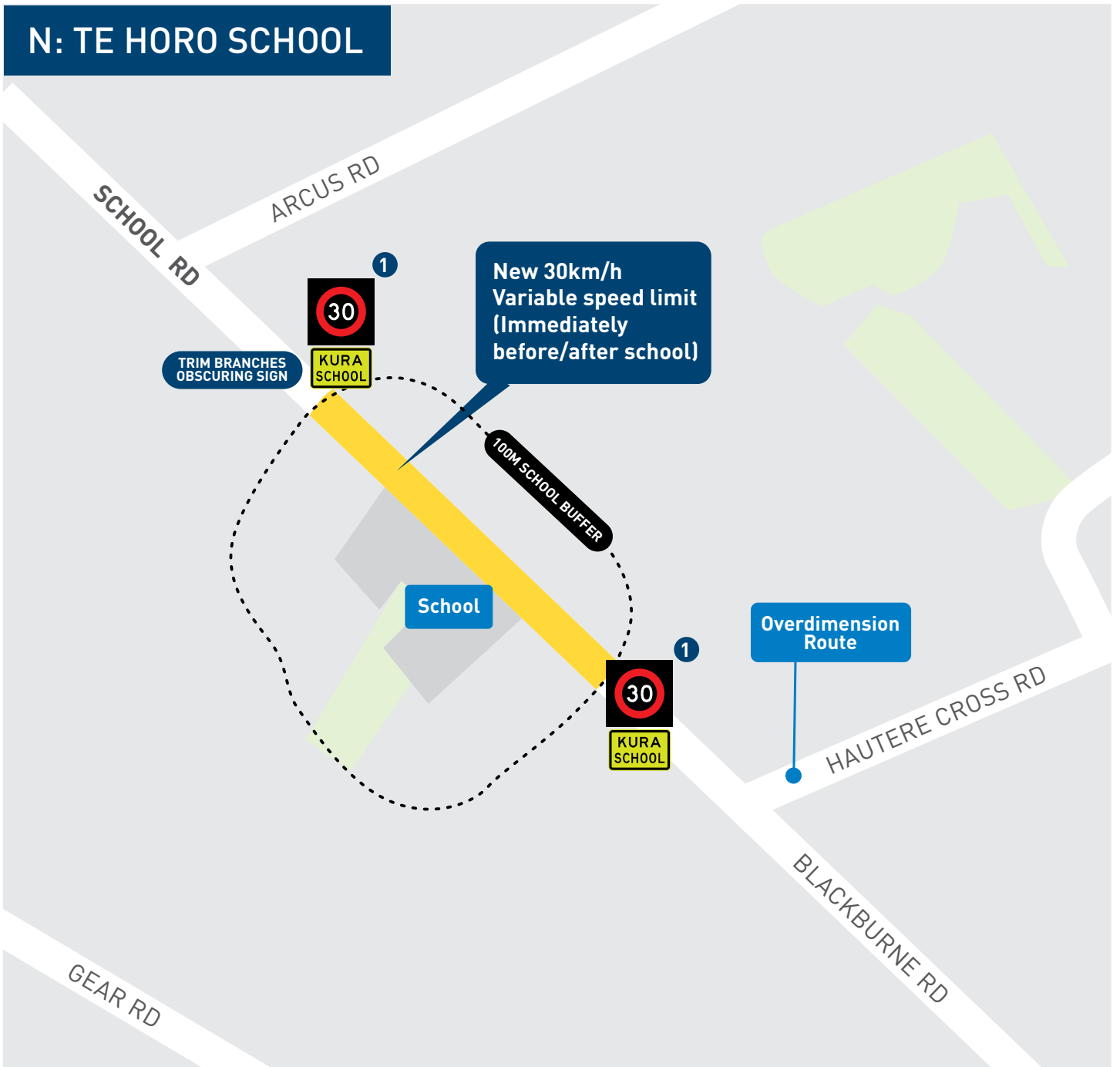
For installation 2024-27





Zebra Crossing at existing Kea Crossing including lighting

N: TE HORO SCHOOL



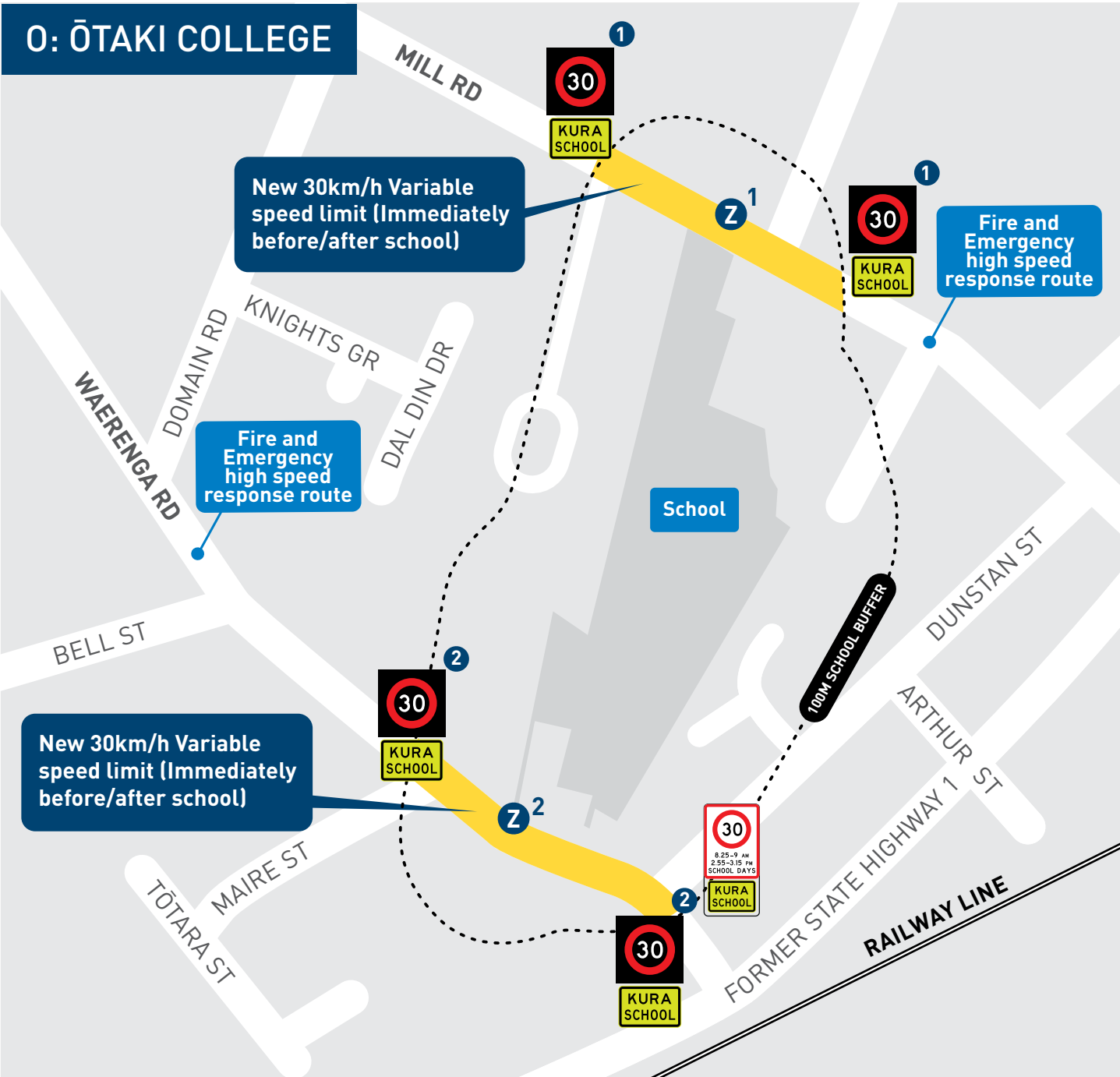
For installation by June 2024





Install Kura School Variable (See notes)

NOTE:

- 1 New sign replacing existing 'School Zone' sign at existing location.



For installation by June 2024

 <p>Install Kura School Variable (See notes)</p>	 <p>Install Static Variable School speed limit signs</p>
---	---

NOTE:

- 1 New sign replacing existing 'School Zone' sign at existing location.
- 2 New sign, new location.
- 3 Timing of when Variable School speed limits apply to be confirmed.

For installation 2024–2027





1 Reconstruct existing Zebra Crossing on Raised Safety Platform by end of June 2027

2 Remove existing Zebra Crossing. Construct new Zebra Crossing on Raised Safety Platform near 160 Waerenga Road.

P: ŌTAKI SCHOOL



For installation by June 2024

 <p>Install Kura School Variable (See notes)</p>	 <p>Install Static Variable School speed limit signs</p>
---	---

NOTE:

- 1 New sign replacing existing 'School Zone' sign at existing location.
- 2 New sign, new location.
- 3 Timing of when Variable School speed limits apply to be confirmed.

For installation 2024-27



Reconstruct existing Zebra Crossing on Raised Safety Platform

Q: TE KURA-Ā-IWI WHAKATUPURANGA RUA MANO



For installation 2024-27



Raised Threshold Treatment

R: TE KURA KAUPAPA MĀORI O TE RITO



For installation 2024-27



Supply and install double sided speed limit signs, e.g., 30/50

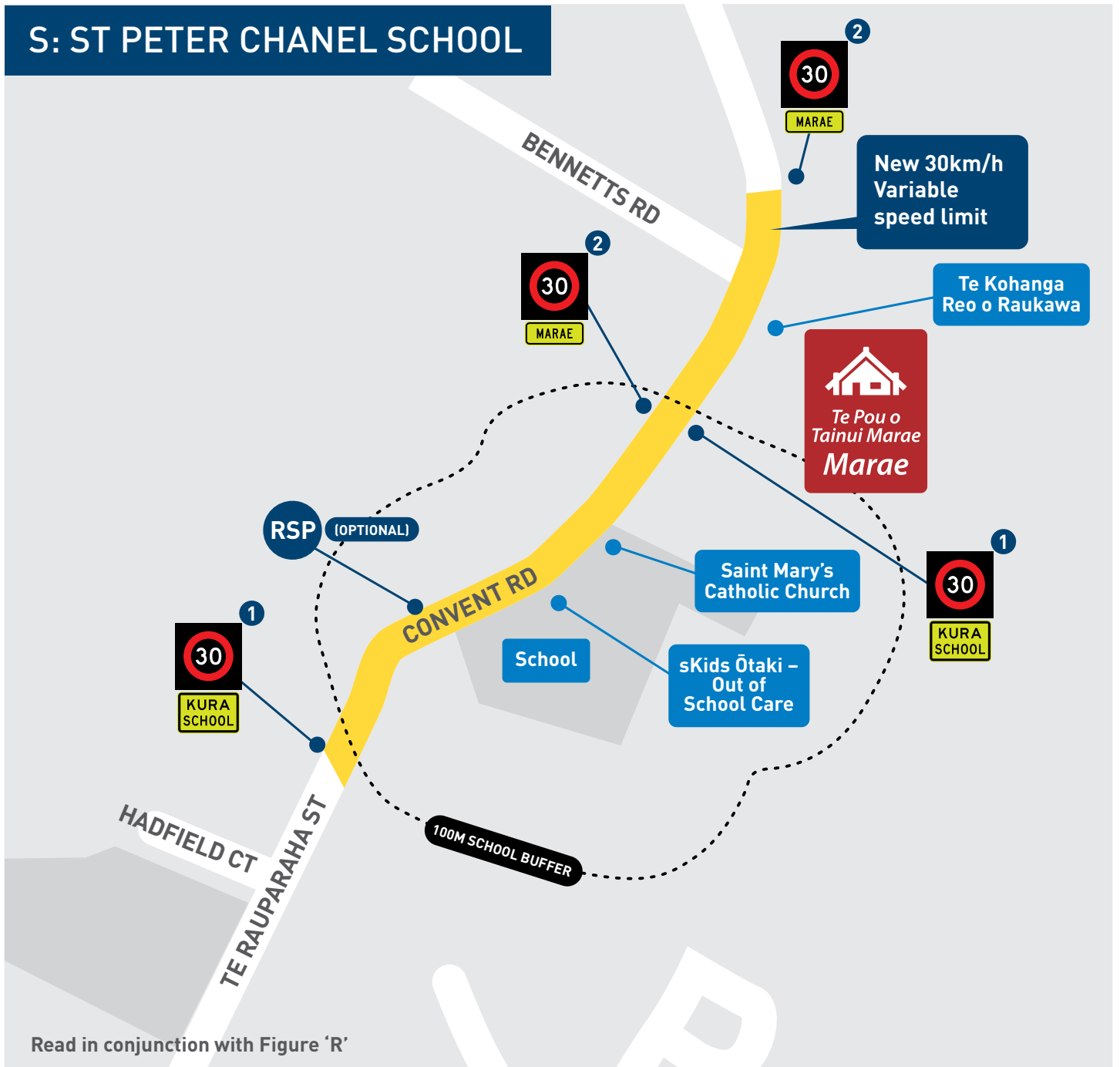


Construct Raised Safety Platform





Raised Threshold Treatment

S: ST PETER CHANEL SCHOOL



Read in conjunction with Figure 'R'

For installation by June 2024

New signs installed
(See notes)

KURA SCHOOL

MARAE

NOTE:

- 1 New sign replacing existing 'School Zone' sign at existing location.
- 2 New sign, new location.

For installation by 2024–27

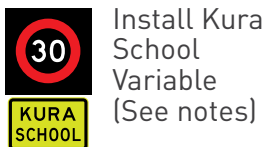



Construct Hump/
platform

T: WAITOHU SCHOOL



For installation by June 2024

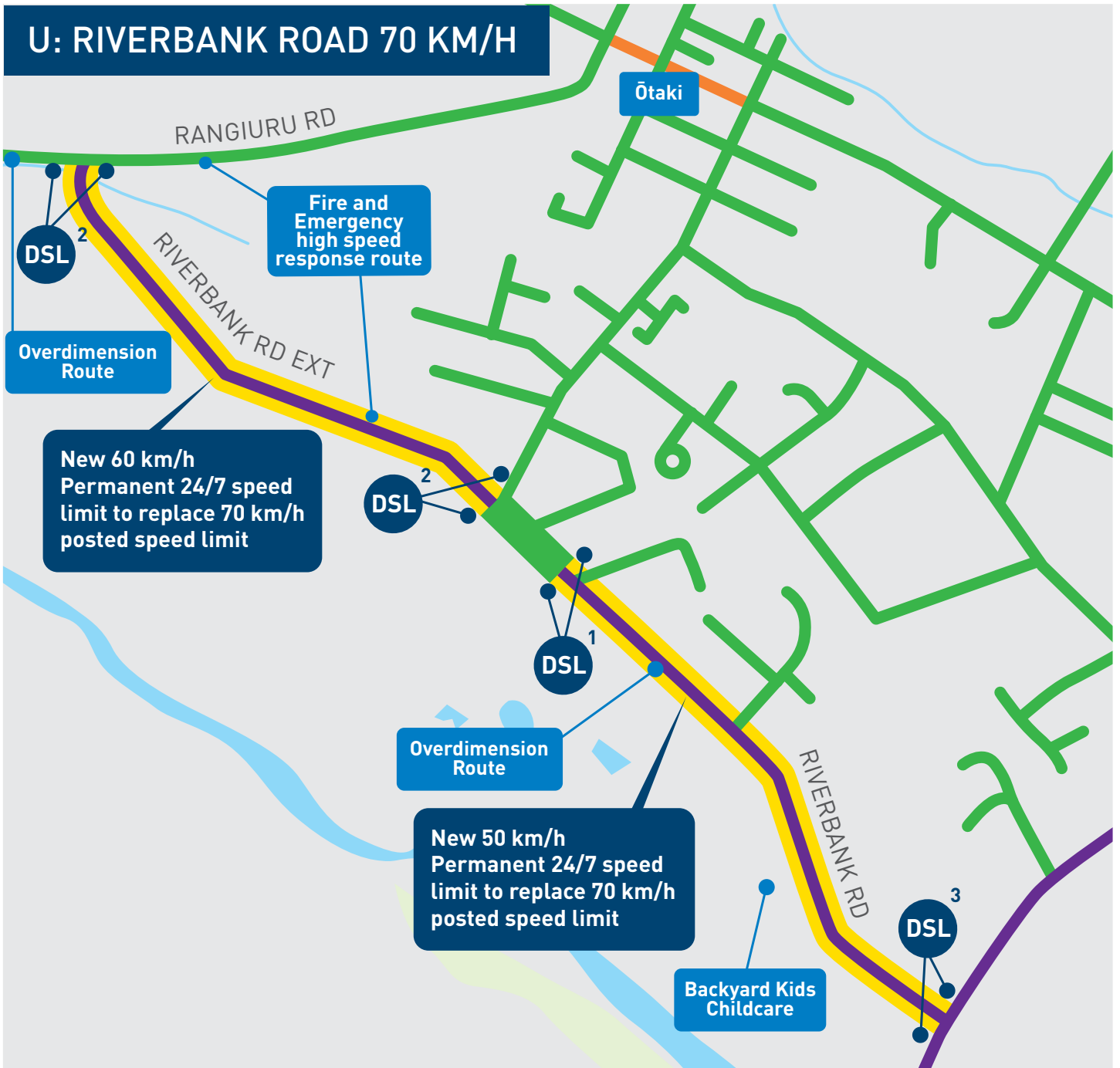


Install Kura School Variable [See notes]

NOTE:

- 1 New sign replacing existing 'School Zone' sign at existing location.
- 2 New sign, new location.

U: RIVERBANK ROAD 70 KM/H



For installation by June 2024

Supply and install double sided speed limit signs, e.g., 50/50, 50/60 or 50/70

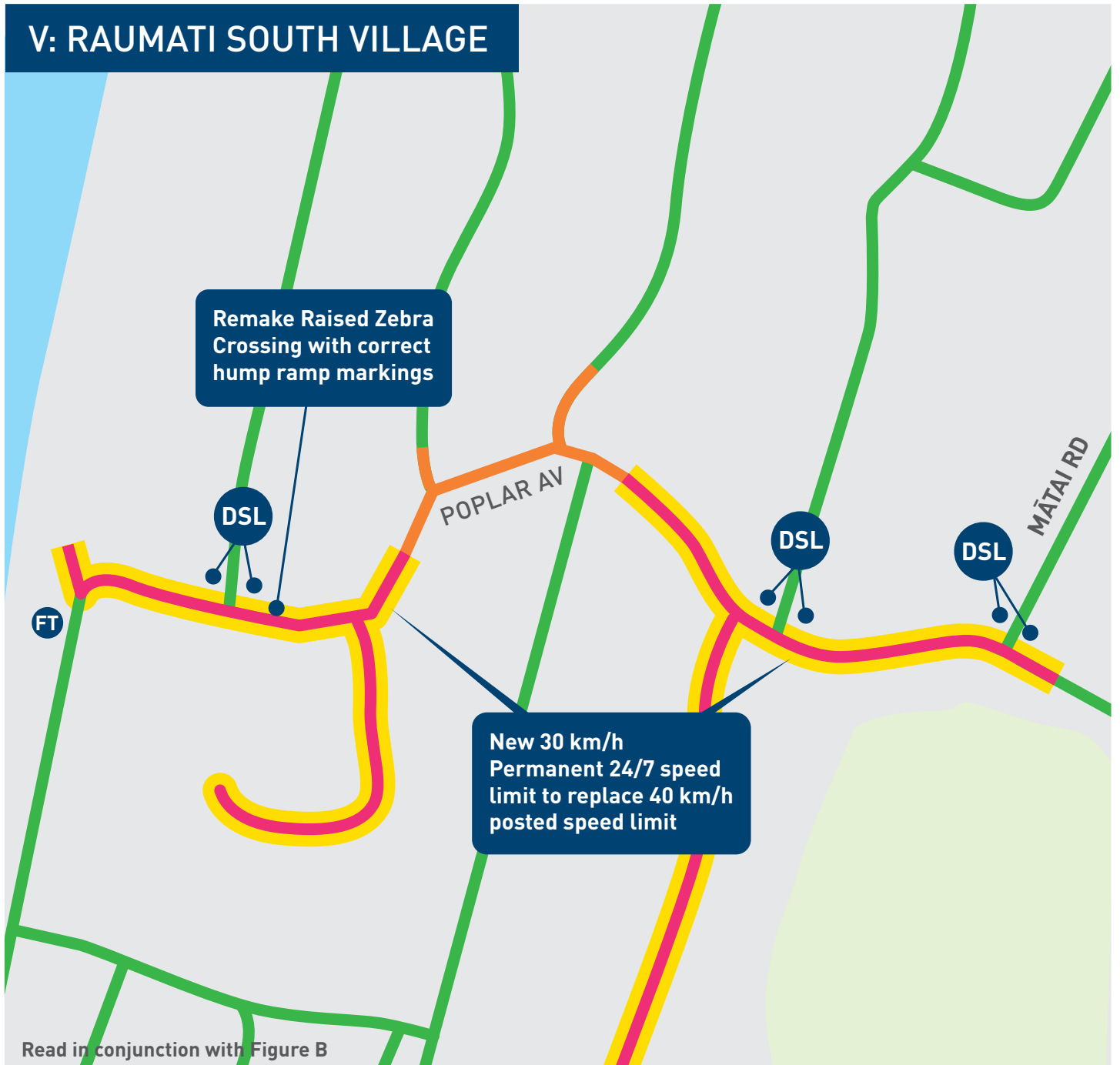
Existing posted speed limits

- 30 km/h
- 50 km/h
- 70 km/h

Proposed speed limit

- 50/60 km/h

V: RAUMATI SOUTH VILLAGE



Read in conjunction with Figure B

For installation 2024-27

Supply and install double sided speed limit signs, e.g., 30/50

Flush Threshold treatment, e.g., 30/50

Existing posted speed limits

- 30 km/h
- 40 km/h
- 50 km/h

Proposed speed limit

- 30 km/h

W: RAUMATI BEACH VILLAGE



Read in conjunction with Figure H

For installation 2024–27



Construct Hump/
Platform



Raised Threshold
Treatment

Existing posted speed limits

- 20 km/h
- 30 km/h
- 50 km/h

Proposed speed limit

- 30 km/h

X: WAIKANAE BEACH VILLAGE



For installation 2024-27

DSL

Supply and install double sided speed limit signs, e.g., 30/50

FT

Flush Threshold treatment, e.g., 30/50

RSP

Construct Raised Safety Platform

Existing posted speed limits

50 km/h

Proposed speed limit

30 km/h

Y: ŌTAKI TOWN CENTRE



For installation 2024-27





New Threshold treatment, e.g., 30/50

FT



Install marae signs (location to be confirmed)

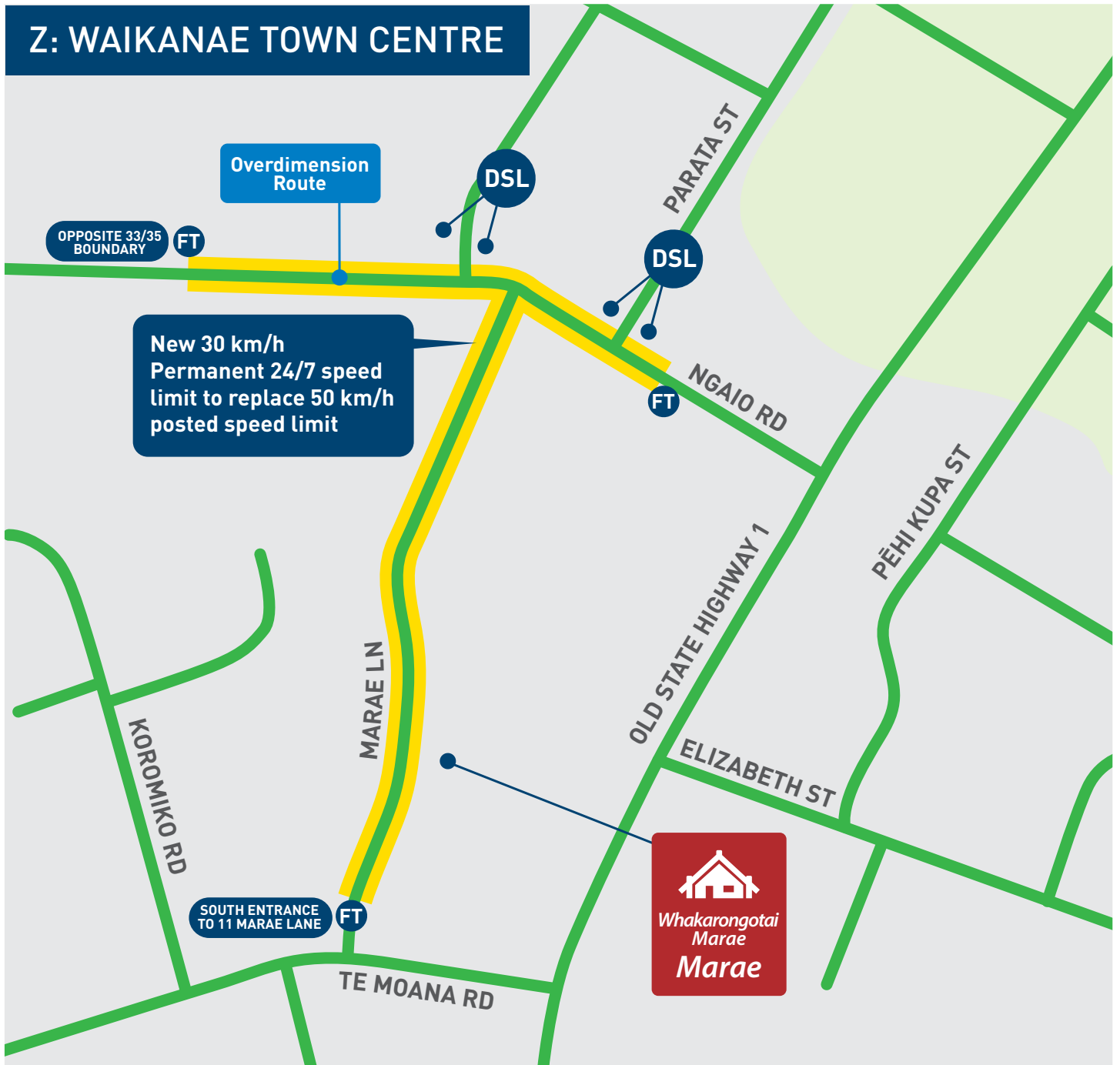
Existing posted speed limits

-  30 km/h
-  50 km/h

Proposed speed limit

-  30 km/h

Z: WAIKANAE TOWN CENTRE



For installation 2024-27

Supply and install double sided speed limit signs, e.g., 30/50

Install marae signs (location to be confirmed)

New Threshold treatment (T), e.g., 30/50

Existing posted speed limits

50 km/h

New speed limit

30 km/h

AA: TE HORO BEACH



For installation 2024-27

Supply and install double sided speed limit signs, e.g., 30/80

Raised Threshold Treatment

Construct Raised Safety Platform

Existing posted speed limits



- 50 km/h
- 60 km/h
- 80 km/h


New speed limit

- 30 km/h

BB: VALLEY ROAD







Existing posted speed limits	
	60 km/h
	80 km/h

New speed limit	
	60 km/h

CC: PEKAPEKA ROAD



Existing posted speed limits	
	50 km/h
	60 km/h
	80 km/h

New speed limit	
	60 km/h

