

Hibiscus and Bays Local Board Workshop Programme

Date of Workshop: Tuesday 11 April 2023
Time: 10:00am – 1:30pm
Venue: Council chamber – Orewa Service Centre
Apologies:

Item	Time	Workshop Item	Presenter	Governance role	Proposed Outcome(s)
		Welcome and apologies	Gary Brown - Chairperson		
1.	10:00am	Parks and Community Facilities update Attachments: <ul style="list-style-type: none"> • Presentation: Ōrewa Library comprehensive refurbishment update • Presentation: Urban Forest Specialist Team (deferred due to illness) • Monthly report 	Kris Bird (Area Operations Manager) Prakash Thakur (Work Programme Lead) Steve Krebs (Senior Urban Forest Specialist) Mahesh Dharmaratne Project Manager Darryl Soljan (Head of Community Delivery North/West) Carolyn Hickey (Manager Community Places – Library North/West)	Keeping informed	Receive an update on Parks and Community Facilities activities.

2.	11:00am	<p>Auckland Transport update</p> <p>Attachments:</p> <ul style="list-style-type: none"> • Presentation: Glenvar Road Flood Repair • Presentation: Glenvar Road / East Coast Road corridor improvements 	<p>Johan Swanepoel (Stakeholder Manager Road Maintenance North/West)</p> <p>Phillip Mora (Project Manager)</p> <p>Len van der Harst Flood Recovery Community and Stakeholder Engagement Manager</p> <p>Sreekanth Vidhyadharan (Investigation and Design Manager North/West)</p> <p>Raghav Kruthiventy (AECOM)</p> <p>Bridget O'Leary (AECOM)</p> <p>Beth Houlbrooke (Elected Member Relationship Partner)</p>	Keeping informed	Receive the proposed design of the Glenvar Road – East Coast Road Improvements project and progress update of flood repairs on Glenvar Road.
3.	12:00pm	<p>Biodiversity Offset Bank Project: Sundown Reserve, Whangaparāoa</p> <p>Attachment:</p> <ul style="list-style-type: none"> • Presentation: Haumanu Program Biodiversity Offset Bank 	<p>Brandii Stephano (Relationship Advisor)</p> <p>Leighton Gillespie (Principal Delivery Special Projects)</p>	Local initiatives and specific decisions	Receive an update and discuss possible sites for mitigation in the local board area.
	12:30pm	BREAK			
4.	1:00pm	NON-PUBLIC			
	1:30pm	Workshop concludes			

Role of workshop:

- (a) Workshops do not have decision-making authority.
- (b) Workshops are used to canvass issues, prepare local board members for upcoming decisions and to enable discussion between elected members and staff.
- (c) Workshops are not open to the public as decisions will be made at a formal, public local board business meeting.
- (d) Members are respectfully reminded of their Code of Conduct obligations with respect to conflicts of interest and confidentiality.
- (e) Workshops for groups of local boards can be held giving local boards the chance to work together on common interests or topics.

Orewa Library - comprehensive refurbishment update

Mahesh Dharmaratne - Project Manager

Kris Bird - Area Operations Manager

Darryl Soljan - Head of Community Delivery (North/West)

Carolyn Hickey - Manager Community Place - Library (North/West)

Current situation



- Orewa Library is 27 years old
- The library was designed and constructed between May 1995 - June 1996
- The upper-level structure comprises a mono-pitched roof with external metal gutters
- The lower-level single level structure has a curved roof configuration and internal membrane gutters
- There is water egress into the building causing localised damage, however, at this stage there is no evidence of major structural failings
- Due to the complexity of the roof design, there are limitations for ongoing required maintenance and a full roof replacement is required.

Current Visitor Data – Hibiscus and Bays Local Board Libraries

Visitor numbers (since 17/11/21 post Covid-lockdown periods -31/03/23)

East Coast Bays	295,558
Orewa (7th Akld Libs)	234,376
Whangaparaoa	166,275

Visits 12 months 01/03/2022 – 28/02/2023

East Coast Bays	221,186 pa	4,253 weekly
Orewa	175,602 pa	3,385 weekly
Whangaparaoa	127,307 pa	2,448 weekly

Current Service Provision Data

Physical Checkouts 12 months 01/03/2022 – 28/02/2023 – *This data does not include e-book checkouts*

East Coast Bays	411,261 pa	7,909 weekly
Orewa (4th highest Akld Libs)	300,386 pa	5,777 weekly
Whangaparaoa	220,582 pa	4,241 weekly

Orewa Library Internet sessions 12 months 01/03/2022 – 28/02/2023

37,521 pa 722 weekly

Orewa Library Programme Participants March 2023

850 participants

Current issues

- **Today our libraries offer a range of services in staffed, public spaces where people are welcomed, feel safe and are able to conduct a range of activities.**
 - **The spaces and layout in Orewa Library no longer meet the needs of current and future service priorities nor of modern library provision and expectations.**
- High use collection has a cramped & crowded layout because all library services are competing for space
 - Front of house for staff & customer interaction is a high traffic area with a poor layout. Area caters for circulation & collection support, digital & technical support, information & referral, AC customer support services from June 2023.
Libraries are to be the ‘front face of Auckland Council’
 - Lack of public spaces for study, meetings, programmes, relaxing and reading, displays, social/one-on-one connection
 - Children’s space is inadequate for the current & future service offer – collections, programmes, play space, a space to, learn, thrive, grow and enjoy

Work programme – current project details

ID	Activity Name	Activity Description	RAP Projec	Activity Benefits	Further Decision Points for LB	LB Plan Outcome	LB Plan Objective	Lead Dept/ Unit or C	Estimated completion da	Budget Source	2021/2022 & Prior	2022/202	2023/202	2024/202	2025/202	Total Co
24085	Orewa Library - comprehensive renewal incl. roof	<p>Renew the library roof and interior including the furniture, fixtures and equipment.</p> <p>FY19/20 - investigation and high level design</p> <p>FY22/23 - detailed design, consenting and commence physical works</p> <p>FY24/25 - complete physical works</p> <p>Risk Adjusted Programme (RAP) project</p> <p>(ABS Renewals Capex contributions \$1,465,795)</p> <p>(External Funding contribution from carpark lease \$113,454)</p>	RAP Project	Maintaining current service levels	Workshop high level design with the local board for review and input	2020HB1 - A connected community	2020HB1.3 - Our libraries, art centres, community services, and privately owned facilities are supported	CF: Project Delivery	Estimated project completion June 2024	ABS: Capex - Local Renewal	\$43,468	\$100,000	\$1,435,781	\$0	\$0	\$1,579,249

Proposed Options for the Renewal

Staff have developed two possible options for the renewal of the library:

- Option 1 – To replace the existing curved roof with a mono pitch roof
- Option 2 - To replace the existing curved roof with a mono pitch roof and improve the functionality of the building by adding a mezzanine floor

Option 1 – New roof covering the ground floor section



Front Elevations

Option 1 – New roof covering the ground floor section



End elevation

Option 2 – New roof and new mezzanine floor



Elevations

Option 2 – New roof and new mezzanine floor



Cross sections

Benefits for customers and staff

The mezzanine addition gives an opportunity to re-configure all service spaces for an improved current and future service within existing footprint

- Moving of some collections upstairs to create less cramped and cluttered spaces downstairs – opportunity for new quiet and relaxing spaces
- A larger children's library space downstairs for collections, programmes and enjoyment
- Opening up of the downstairs area to consider height of shelves, spacing of fixtures and fittings, sight-lines (currently non-existent)
- Mezzanine space for study, programmes, meetings, some collection – easily flexed for changing requirements
- A safer building with improved layout, sight-lines, safe-room, controlled access to staff areas.

Project Estimated Cost

Item	Description of Work	Option 1	Option 2
1	Design Services	\$140,000	\$260,000
2	Consent Fees	\$8,000	\$13,000
3	Temporary Relocation	\$70,000	\$70,000
4	Physical Work Including Demolition Work	\$1,080,000	\$2,245,000
5	Project Management Fees	\$50,000	\$60,000
6	Fixed Furniture & Equipment	\$20,000	\$120,000
7	Sub Total	\$1,368,000	\$2,768,000
8	Contingency	\$140,000	\$280,000
	Total Cost	\$1,508,000	\$3,048,000

Note: Currently Approved budget is: \$1,579,249

Possible timeline

Task	Dates
Detailed design and consenting of Orewa Library refurbishment	April 2023 – November 2023
Renewal of roof at Orewa Community Centre	September 2023 - December 2023
Tendering and contract negotiation of Orewa Library refurbishment	November 2023 – February 2024
Temporarily relocation of Orewa Library to Orewa Community Centre	February 2024- September 2024
Orewa Library refurbishment	March 2024 – September 2024

Notes:

- Construction of new roof and mezzanine is estimated to take approx. 7 months
- The library would need to close and be relocated during this time. A temporary library could possibly be set up in part of the Orewa Community Centre and be supplemented with the library bus.
- The temporary library could only be established in the Community Centre after the renewal of the roof at the Community Centre which is also a project in the current work programme.

Discussion

- Staff would like feedback from the local board on the two options.
- If option 2 (new mezzanine roof) is preferred an additional \$1,500,000 would need to be added to this project in the future work programme.
- Staff believe the future 3 year work programme (to be adopted in June 2023) could accommodate the additional budget, however, there may need to be some reprioritisation of other projects.
- First draft of the work programme to be presented in first week of May.



HIBISCUS & BAYS

Local Board Report – February 2023

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Our Facility Manager Travis quality testing the new slide at Silverdale War Memorial Park



PERFORMANCE REPORTING

Audit Results and Request for Service

Request for Service Received

Total raised for FY22/23 YTD **4853**

Hibiscus and Bays RFS Breakdown



*Only includes RFS that have resulted in a Work Order for action.

Breakdown of Top 5 Request for Service for February

Service Name	#Received
Tree Maintenance - General	281
Structure Maintenance and Repairs	120
Plumbing Maintenance Service	65
Loose Litter Collection	54
Carpentry Maintenance Service	43

Breakdown of Top 5 Request for Service FY22/23 YTD

Service Name	#Received
Tree Maintenance - General	834
Structure Maintenance and Repairs	669
Plumbing Maintenance Service	563
Electrical Maintenance Service	370
Loose Litter Collection	238

COMMENTARY

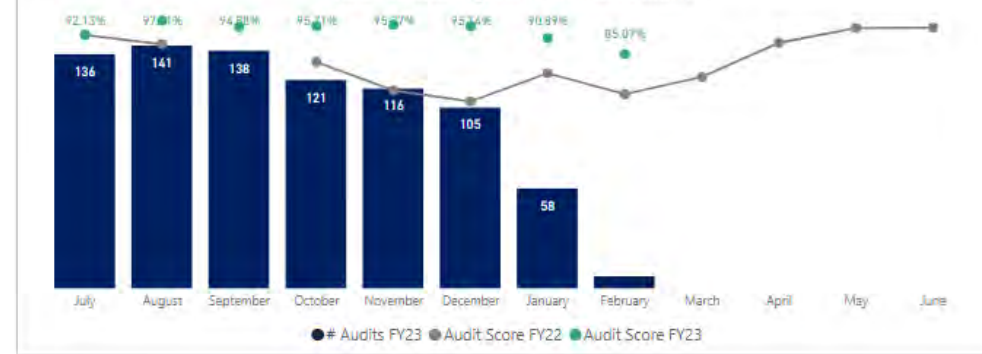
After the weather events experienced in January and February, the number of RFS has increased substantially. It is clear to see the wind, and rain, have caused havoc in the open spaces.

Good work has been done by the contractors and the number of service requests reflects this. Tree maintenance requests are the most requested service and loose litter (branch collection) is also high on the list.

The contractor is working hard to work through the back log, as new damage is still being discovered each week.

Audit Results

Hibiscus and Bays Full Facilities Audits



The highlights and lowlights of audits undertaken FY22/23 YTD are:

Highlights YTD

- Streetscapes Clean
- Response WO
- Litter
- Furniture, Playgrounds & Recreational Equipment
- Building Cleaning

Lowlights YTD

- Water Feature
- Tracks (incl. Structures)
- Street Garden
- Sportsfields
- Hard Surfaces & Paths

COMMENTARY

Due to the natural events suffered recently, there was an auditing exemption for the month of February which shows in the lack of numbers in this field.

We are back out in the field auditing, with consideration for storm related damage to be noted as actions rather than fails. A few weeks of settled weather should see some consistency from the contractor back into operations out in the field.

MAINTENANCE DELIVERY UPDATE

Corrective, preventive, risk-based and condition-based maintenance

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Cyclone Gabrielle Damage

The Hibiscus and Bays Local Board area suffered further damage across many assets and coastal areas during the cyclone. The last month has been spent identifying, making safe, and starting the repair of these issues. This is a lengthy process, but as time moves ahead, we are starting to clear some of the back log of these issues.



Manly Beach



Waiwera



Mairangi Bay Park



Churchill Reserve



Titoki Montessori School



MAINTENANCE DELIVERY UPDATE

Corrective, preventive, risk-based and condition-based maintenance

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Cyclone Gabrielle Damage Remediation

Murrays Bay Clean Up and Boat Ramp Repair

With the help from local residents, the beach was cleared of storm debris and piled on the reserve ready for collection. Six large skip bins were filled and taken away, and just shy of eight truck loads of seaweed were carted away.

The ramp also suffered damage and was undermined, but a quick turn around from Ventia had the ramp back up and operational for the sailing club within a week. We received a really nice letter from the Commodore of the Club – Dean Barker thanking the team, which was greatly appreciated.



MAINTENANCE DELIVERY UPDATE

Corrective, preventive, risk-based and condition-based maintenance

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Orewa underpath beautification project

Orewa underpass has been identified as graffiti hot spot and general eye sore. Holly Aymes in conjunction with Recreation Services has completed the murals on the under pass and the final result is fantastic! Holly was inspired by the river and the beauty of the location. The Māori creation story of **Papatūānuku**, the earth mother and **Ranginui** the sky father, and fact that Orewa River is a traditional breeding ground of **Tamure** (Snapper) and **Whai** (Stingray) became her design muse.



Before



After



Completed East side with the view beneath



ARBORICULTURE UPDATE

The cultivation of trees and shrubs

Arboriculture Maintenance – Pre Storm



Treescape carried out pruning on a Flame tree, the canopy was lifted to give more visibility for motorists at the intersection of 6 Glamis Avenue, Manly.



A request for service was actioned in the form of general pruning operations on a large mature Pohutukawa, they also carried out minimal property clearance over the roof of house at a property on Puriri Avenue, Orewa.



ARBORICULTURE UPDATE

The cultivation of trees and shrubs

Arboriculture Maintenance – Storm

Pruning was carried out on a Coastal Pohutukawa in Settlers Grove Reserve West, Orewa. The tree has had previous and recent stem failures, the decision was made to retain the tree.

Pruning was undertaken to even weight distribution across the remaining canopy due to the tree growing towards the reserve and pathway, this will hopefully prevent future failures.



ARBORICULTURE UPDATE

The cultivation of trees and shrubs

Arboriculture Maintenance – Storm



A large Mexican Pine in Polkinghorne Reserve on Whangaparaoa Road, Manly, had to be removed after it had failed in the weather event just after new year. Two of the trees main leaders failed at the base and fully compromised the remaining sections. Due to this, the whole tree had to be removed for health and safety reasons and to protect the road and park users.





ARBORICULTURE UPDATE

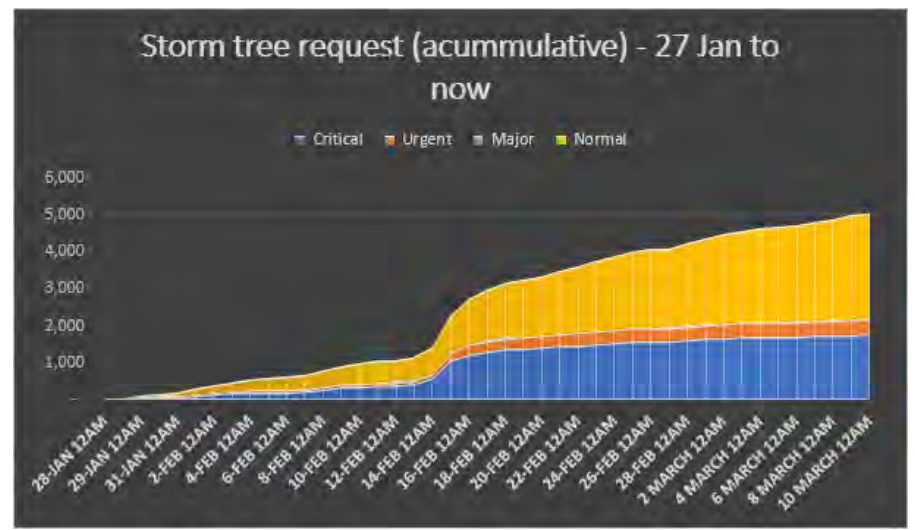
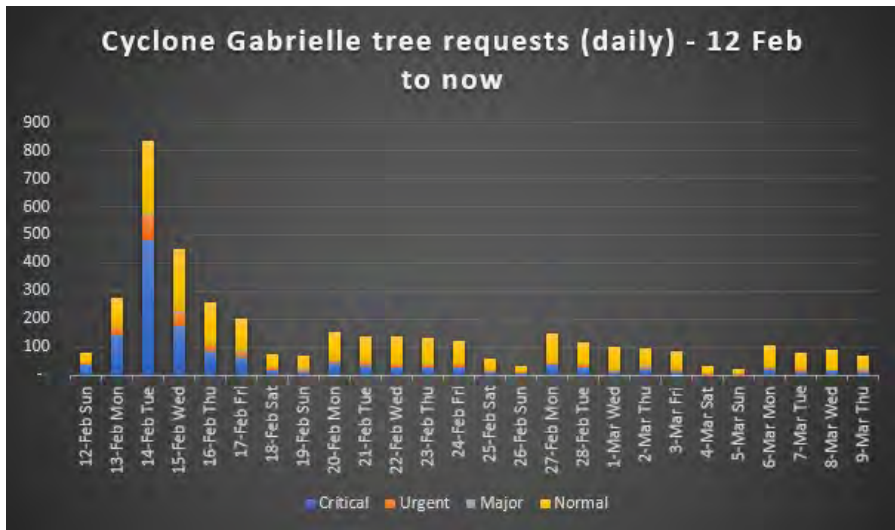
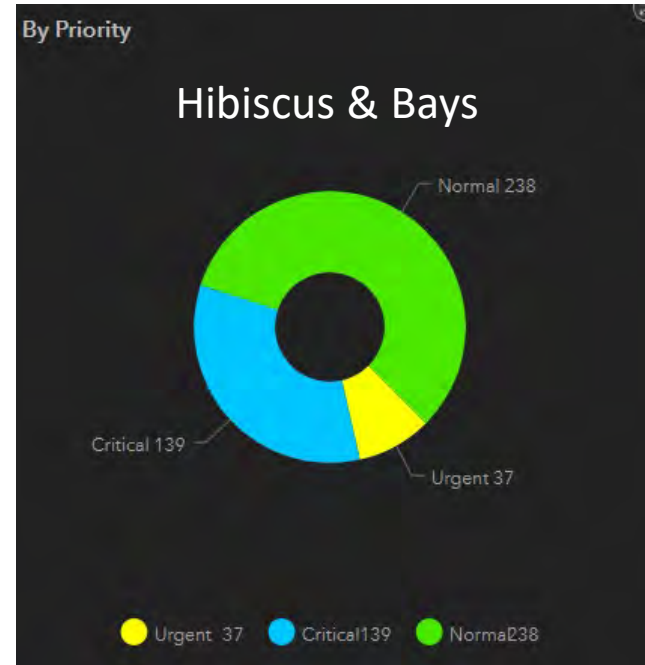
The cultivation of trees and shrubs

Arboriculture Maintenance – Storm Work January/February

As we all know, Auckland experienced some of the worst weather it has seen in a long time, with the January 27th flooding and the Cyclone Gabrielle weather event in February.

The tree work generated was immense, with Council staff, contractors and all available sub-contractors working around the clock in shifts to deal with the ever changing scenarios and critical tree work. Currently they are still dealing with the storm clean up and this will take some time before they are caught up and back to 'business as usual'. See below, Region-wide stats and to the right Local Board totals for tree RFS:

Although we experienced a large amount of tree damage, when compared with the overall tree density in Auckland, the number of failures was minimal. This is not to belittle the events or the damage that occurred or the people affected. It highlights that we have a robust tree stock and that the proactive tree maintenance undertaken so far, is benefiting the trees.





ECOLOGICAL UPDATE

Plants, animals and their environment

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Stredwick Reserve



Evidence of swollen streams was apparent during eco-audits as flattened vegetation was observed. These areas would benefit from planting to, not only, to shade out exotic plants looking to establish, but to 'soak up' excess water during flooding.

Torbay Heights



A Wildlands' team member observed and recorded this recent slip site at Torbay Heights. The slip currently presents a health and safety risk and in the future will need to be monitored for new pest plant arrivals and considered for native planting.



SPORTS FIELDS AND FACILITIES

A field or piece of ground on which agricultural labour is carried out enclosed areas of sports pavilions, stadiums etc

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Metro Park

The sports team has been playing catch up on the summer renovations after the recent weather events; this has massively impacted the schedules and programs set for this work.

We have now completed coring and scarifying to remove the contaminated thatch layer on the surface. The team has since then applied 5mm of sand top dress over and brushed into the surface.





NOTIFICATIONS

Community leasing and land-owner approvals

Community Leasing

Community lease movements

- Staff have initiated public notification and iwi engagement on a new lease to the Gulf Harbour Yacht Club at Hobbs Bay.
- Site visit and memo completed on new lease to Mairangi Bay Scouts at Mairangi Bay Park. Staff to prepare a formal report for resolution on new lease to the group after considering local board feedback.
- Yachting NZ application to temporarily occupy and store boats at Aicken Reserve under assessment
- Awaiting building assessment report for Red Cross' request for an early surrender of lease for the group owned building at 5 Wilks Lane, Browns Bay.
- Finalised gifting (of the building) and assignment of lease from Torbay Senior Citizens to Torbay Community Association at 37 Watea Road, Torbay.

Land Advisory

Land-owner applications received are assessed by Land Use Advisory and reviewed by Community Facilities staff. The board will be contacted for feedback in due course.

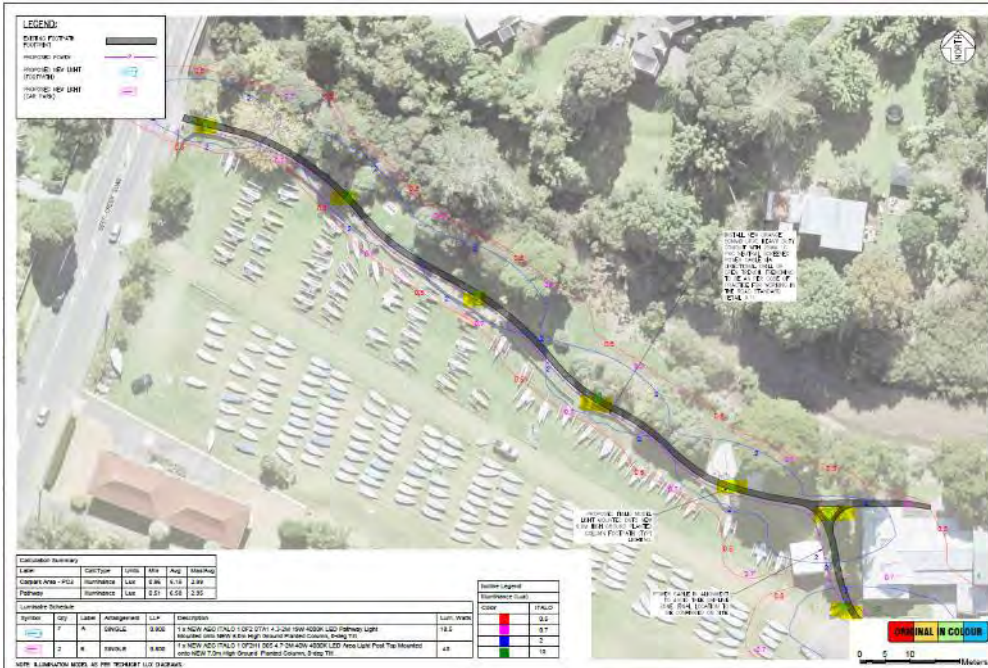
- One application for proposed infrastructure, construction of pathways, planting and removal of exotic species within Esplanade Reserve (Lot 195 DP 112758). The applicant is Hopper Developments Ltd. The application has been allocated, and active.



PROJECT DELIVERY UPDATE

Assets being built, renewed or maintained

Aickin Reserve – new pathway lighting



A lighting design has been prepared for the new pathway lights in Aickin Reserve. A total of nine lights have been proposed, which will include seven lights along the pathway from Deep Creek Road to the carpark and two lights along the pathway in the carpark. The location of the lights are highlighted in yellow in the lighting design provided.

Solar lights were considered for this site but deemed unsuitable due to the large trees to the north of the path blocking the amount of sunlight required.

A new power connection will be installed in May/June by Vector in the berm at the Beach Road end of the reserve to provide power for the new lights.



PROJECT DELIVERY UPDATE

Assets being built, renewed or maintained

Silverdale War Memorial Park – Playground Renewal



The playground works at Silverdale War Memorial have been completed. A new footpath has been installed for improved access to the new playground. The colours chosen reflect the clubs that are based at the park.

The replacement rubbish bin and two additional bench seat are being installed in March. There has been a slight delay in the delivery of these items. The new space has been enjoyed by all ages from day one.





PROJECT DELIVERY UPDATE

Assets being built, renewed or maintained

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Silverdale War Memorial Park – Playground Renewal



Before





PROJECT DELIVERY UPDATE

Assets being built, renewed or maintained

Mairangi Bay Park

In January a large oak tree was blown over in Mairangi Bay Park. This tree has potential to provide a nature play experience, which is consistent with the emergent play advocacy approach of increasing local play diversity by looking for opportunities to provide for adventurous play in parks without built playgrounds.

We are working with Treescape arborists to make the tree safe and will then monitor its use as a natural play asset.



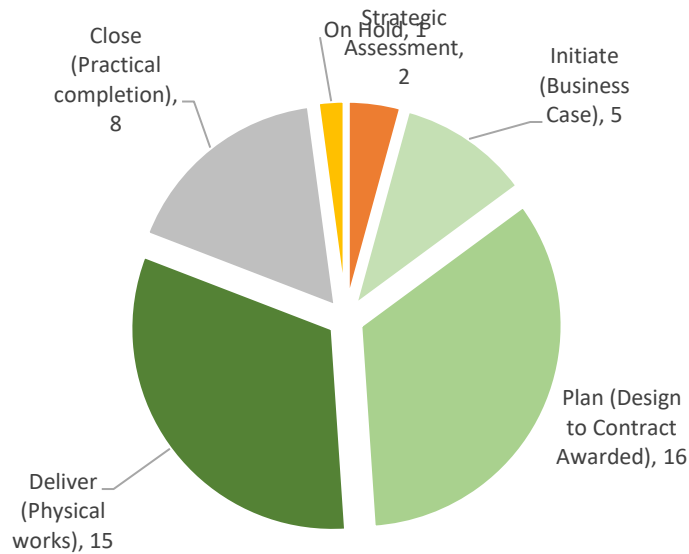


NOTIFICATIONS PROJECT DELIVERY STATUS

Project Delivery

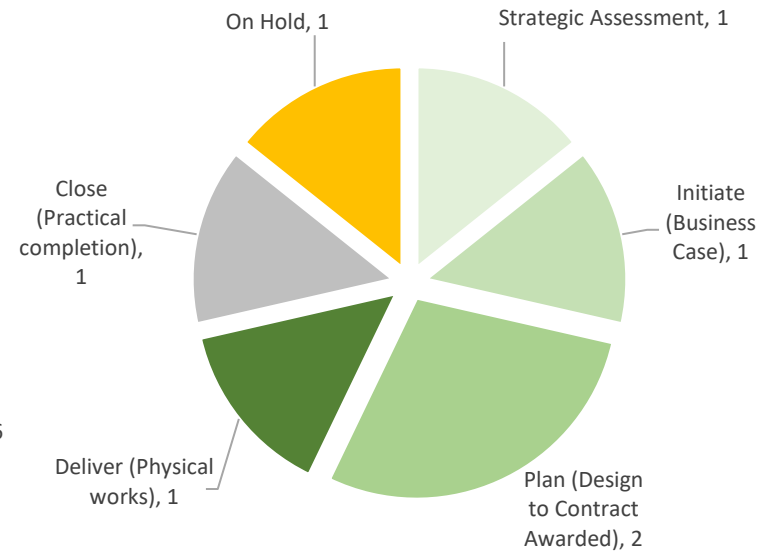
Hibiscus and Bays Local Board - Project Status

Total Number of Projects - 47



Hibiscus and Bays Local Board - Project Status

Total Number of LDI Projects - 7





PROJECT DELIVERY

Status and summary updates

			Initiate	Preliminary design	Detailed Design	Tender Process	Construction	Defects
			2022/2023 - Current year					
Activity Name	RAG	Local Board Commentary	Timeline	Q1	Q2	Q3	Q4	
(OLI) Kohu Street to Marine View, Orewa Beach - renew northern seawall	Green - On Track	Current status: Site investigation (drilling) work is complete. A site meeting with iwi partners was held on 9 February 2023. A project webpage has been developed on the Auckland Council website with project information. Next steps: Topographical surveying will be undertaken. Analysis and reporting on the geotechnical aspects of the project will commence, using the site investigation data.	Baseline					
86 Harvest Ave, Orewa - develop new neighbourhood park	Green - On Track	Current status: Engagement of professional services for landscape design and concept design development. Next steps: Mana whenua engagement for input and collaboration during concept design development in early 2023.	Baseline					
Aicken Reserve - install walkway lighting	Green - On Track	Current status: Investigating options for lighting along the pathway. Vector has been engaged to install a new single-phase pit to supply power to the new lights. Next steps: Awaiting refined design options and cost estimates from the consultant. Provide an update to the local board for this project.	Baseline					
Browns Bay Beach Reserve - replace Beach Front Lane boardwalk	Green - On Track	Project completed May 2022.	Baseline					
Bushglen Reserve - implement concept plan	Green - On Track	Current status: Preparing resource consent amendment with input by arborists and ecologist. Planned watercare works within the reserve have been delayed. Next steps: Submit amended resource consent application and associated supporting documentation in early 2023.	Baseline					
Centennial Park, Campbells Bay - renew road	Green - On Track	Current status: Detail design for tender process requires review due to additional damage to the road after flood events. Tree Consent in process prior to tendering for works. Next steps: Review of design by stakeholders in relation to kerb details, drainage and proposed tree removals.	Baseline					
Centreway Reserve - renew bridge	Green - On Track	Current status: Work identified under the snagging list is underway. Next steps: Apply for a code of compliance certificate upon completion of all the construction work.	Baseline					
Churchill Reserve - renew walkways and gardens	Green - On Track	Current status: Site visit with professional services prior to engagement to outline project brief. Next step: Procurement and engagement for design.	Baseline					
D'Oyly/Stanmore Bay Weir Reserve - renew play space	Green - On Track	Current status: All equipment is ordered with expected delivery in February 2023. Award construction contract. Next step: Notify nearby resident of scheduled construction starting in February - March 2023.	Baseline					
East Coast Bays Community Centre - refurbish buildings	Green - On Track	Current status: Preliminary architectural design is underway. Next steps: Review and approve the concept design.	Baseline					
East Coast Bays Leisure Centre - reconfigure front of house & renew bathroom flooring	Green - On Track	Current status: Commence procurement work for main entrance gates. Next steps: Establish a contract for physical work.	Baseline					
East Coast Bays Leisure Centre - renew stadium floor	Green - On Track	Project completed in June 2022.	Baseline					
Edith Hopper Park - renew play space	Green - On Track	Current status: The Hibiscus and Bays playground provisions to be studied prior to initiation of the project. Next step: Site visit to understand location and surrounding and begin site investigation. Identify user groups and arrange contact with local primary school for engagement in early 2023.	Baseline					
Estuary Arts Centre - remediate section of roof	Green - On Track	Project completed in September 2022	Baseline					



PROJECT DELIVERY

Status and summary updates

				Initiate	Preliminary design	Detailed Design	Tender Process	Construction	Defects
				2022/2023 - Current year					
Activity Name	RAG	Local Board Commentary	Timeline	Q1	Q2	Q3	Q4		
Fitzwilliam Drive Reserve - renew walkways and stairs	Green - On Track	Current status: The track renewal works are in progress. Significant amount of wet weather days have delayed overall works. Next steps: Estimated completion March 2023/ April 2023. .	Baseline						
Freyberg Park - demolish and rebuild main park building	Green - On Track	Current status: Physical work complete in December 2022 Next steps: Arrange final contractor's claim and obtain Code Compliance Certificate.	Baseline						
Freyberg Park - renew car park and retaining wall	Green - On Track	Current status: Construction work for the retaining wall is complete and the design work for the carpark is underway. Next steps: Complete the design documentation of the carpark and lodge the consent application.	Baseline						
Freyberg Park - renew sports field # 3	Green - On Track	Current status: Detailed design completed. Physical works will commence in the financial year 2024. Next steps: Prepare tender document for the physical work in FY 2024.	Baseline						
Freyberg Park and Sherwood Reserve - renew bridges and pathways	Green - On Track	Current status: Construction commences in January 2023. Next steps: Construction ongoing in three stages. Estimated completion April 2023.	Baseline						
Hibiscus & Bays - renew carparks 2020/2021+	Green - On Track	Current status: Practical Completion has been issued on all car parks. Cooper Lea Reserve renewal works completed by 16th December 2022. Next Steps: Close out Project.	Baseline						
Hibiscus and Bays - actions from signage audit	Green - On Track	Current status: Installation of signage complete except for overview plinth signage which include maps. Final review on maps prior to manufacturing. Next steps: Installation planned during April and May for remaining signs.	Baseline						
Hibiscus and Bays - deliver Centre Plan improvements	Amber - At Risk	Current status: This project is on hold until future years.	Baseline						
Hibiscus and Bays - develop dog parks	Green - On Track	Current status: Staff attended a local board workshop on 28 October 2021 to present the development plan for a dog park at Western Reserve, Orewa. Next steps: Consultation with residents adjacent to the reserve will take place in FY2022/2023 before the approval of funding in future years as the funding is currently only approved in principle. Investigation of East Coast Bays subdivision site to be carried out in future years.	Baseline						
Hibiscus and Bays - Ngahere urban forest strategy - implement Planting Plan	Green - On Track	Current status: Updating planting plans and ordering trees. Next steps: Planting will commence in May-June 2023.	Baseline						
Hibiscus and Bays - renew park buildings 2021/2022+	Green - On Track	Current status: Works completed at Mairangi Bay Park public toilet and changing room, Arundel Reserve, Cooper Lea public toilet and Silverdale War Memorial Park. Victor Eaves changing room works complete. Orewa Beach public toilet near surf club complete. Next steps: Mairangi Surf club public toilet works to be completed by February 2023.	Baseline						
Hibiscus and Bays - renew park furniture and fixtures 2021/22+	Green - On Track	Current status: Furniture renewal/ replacement completed by November 2022. Next steps: Close out Project.	Baseline						
Hibiscus and Bays - renew park play spaces	Green - On Track	Project completed April 2022.	Baseline						
Hibiscus and Bays - renew playground components and drainage 2021/2022+	Green - On Track	Current status: New equipment has been selected for Mairangi Bay Village playground, Orewa Beach Reserve, Cranston Reserve, and Huntly Reserve with equipment installation completed in December 2022. Next steps: New equipment to be installed at central playground at Orewa Beach Reserve in February 2023.	Baseline						
Hibiscus and Bays - renew signage	Green - On Track	Current status: Signs are being scoped at various locations around the local board area and signage contractors have been engaged. Next steps: Arrange for the first round of signs to be created and installed in FY2022/2023.	Baseline						



PROJECT DELIVERY

Status and summary updates

				Initiate	Preliminary design	Detailed Design	Tender Process	Construction	Defects
				2022/2023 - Current year					
Activity Name	RAG	Local Board Commentary	Timeline	Q1	Q2	Q3	Q4		
Hibiscus and Bays - renew walkways and paths 2021/2022+	Green - On Track	Current status: Torbay Heights Corwen Place completed. Walkways renewals across East Coast Bays sites and Hibiscus Coast completed. Next steps: Browns Bay Creek works in progress. Winstones Cove stairs replacement to commence in February with install in March/ April 2023.	Baseline						
Hibiscus and Bays - settlement stories signage	Green - On Track	Current status: Collaborating with Connected Communities to make a plan for these signs. Next steps: Locations and options for the content of these signs need to be discussed with the local board in a workshop for their input and direction in 2023.	Baseline						
Hibiscus Coast Community House - renew roof and spouting	Green - On Track	Current status: The building consent has been granted. Next step: Contractor pricing in progress.	Baseline						
Manly Beachfront (East) - install bollards along The Esplanade	Green - On Track	Current status: Bollard installation and ground stabilisation completed in October 2022.	Baseline						
Minor Capital works - Hibiscus and Bays	Green - On Track	Current status: Next steps:	Baseline						
Murrays Bay and Crow's Nest Rise Walkway - renew pathways	Green - On Track	Current status: Site visit with professional services prior to engagement to outline project brief. Next step: Engagement of professional services for design requirements.	Baseline						
Orewa Community Centre - renew roof	Green - On Track	Current status: Strategic assessment is yet to be completed. Next steps: Investigation and design phase is to be started in the financial year 2024.	Baseline						
Orewa Library - comprehensive renewal incl. roof	Green - On Track	Current status: Presentation on the concept design for local board approval. Next steps: Develop or review the concept design based on the local board comments.	Baseline						
Pacific Parade Steps - install western staircase	Green - On Track	Project complete in March 2022.	Baseline						
Shadon/Springtime Reserve - renew playspace	Green - On Track	Current status: Concept plan presented to the local board in the December workshop and direction given. Play equipment ordered and due to arrive in March/April. Next steps: Engage contractors for installation and construction of playground in Autumn 2023.	Baseline						
Silverdale War Memorial Park - renew park assets	Green - On Track	Current status: Construction of footpath renewal and bollard replacement along car park and Men's shed completed. Next steps: Estimated completion of works in January/ February 2023.	Baseline						
Silverdale War Memorial Park - renew playspace	Green - On Track	Current status: Playground renewal works commenced in October 2022. Next steps: Estimated completion of works in January/ February 2023.	Baseline						
Stanmore Bay Park - renew sports field #4 and Raiders Club sports field lights	Green - On Track	Current status: Works on sand carpet is underway. Next steps: Establish a contract for sports field lighting on Raiders Club Sports Field.	Baseline						
Stanmore Bay Pool & Leisure Centre - renew minor assets	Green - On Track	Current status: Renew fresh air intake fan for the plant room. Quote delayed from the contractor due to recent weather events. Next steps: Awaiting quote from the contractor.	Baseline						
Victor Eaves Park - renew baseball diamond	Green - On Track	Current status: Design completed with Subject Matter Expert and stakeholder input. Procurement of construction works contractor underway. Next steps: Complete baseball diamond renewal by early 2023.	Baseline						
Victor Eaves Park - renew premium cricket ground	Green - On Track	Current status: Detailed design work has been completed and all procurement work for the physical work will be done in FY 2024. Next steps: Commence procurement work for physical work in FY 2024.	Baseline						
Waiake Beach Reserve – remediate boardwalk and storage shed	Green - On Track	Current status: Consultant has been engaged to prepare the design for the remediation of the boardwalk, removal of the shed, support for the pohutukawa limbs and planning for the new shed. Next steps: Awaiting preliminary design and cost estimates for all components in this project.	Baseline						



PROJECT DELIVERY

Status and summary updates

		Initiate	Preliminary design	Detailed Design	Tender Process	Construction	Defects		
						2022/2023 - Current year			
Activity Name	RAG	Local Board Commentary			Timeline	Q1	Q2	Q3	Q4
Hibiscus and Bays - renew walkways and paths 2021/2022+	Green - On Track	Current status: Torbay Heights Corwen Place completed. Walkways renewals across East Coast Bays sites and Hibiscus Coast completed. Next steps: Browns Bay Creek works in progress. Winstones Cove stairs replacement to commence in February with install in March/ April 2023.			Baseline				
Whangaparaoa Library - comprehensive renewal	Green - On Track	Current status: Procurement for physical work for the mechanical work for Stage 2 is underway and builder's work for the stage 1 is in progress. Next steps: Establish a contract for mechanical work.			Baseline				

Glenvar Road Flood Repair

Hibiscus and Bays Local Board

11 April 2023



Event overview and actions to date

- Intense rain on 27 January caused the land on both sides of Glenvar Road ridge to slip, eroding land below the road
- AT closed road following geotechnical advice that further slips could put property and lives at risk
- Fulton Hogan installed bunds and flexi flumes to control runoff to reduce further erosion
- Vector/Electrix removed 33KV lines from unstable poles to temporary poles on 25 March
- AT installed temporary 30kph speed limits and requested construction traffic from nearby development use larger roads
- AT working with Fulton Hogan and services providers to discuss repair options



Repair considerations

- Safety of public and residents
- Reduce incidence of further slips
- Glenvar Road key arterial – open as soon as possible
- Available funding
- Consider planned upgrades
- Manage sunk costs where possible



Repair options considered

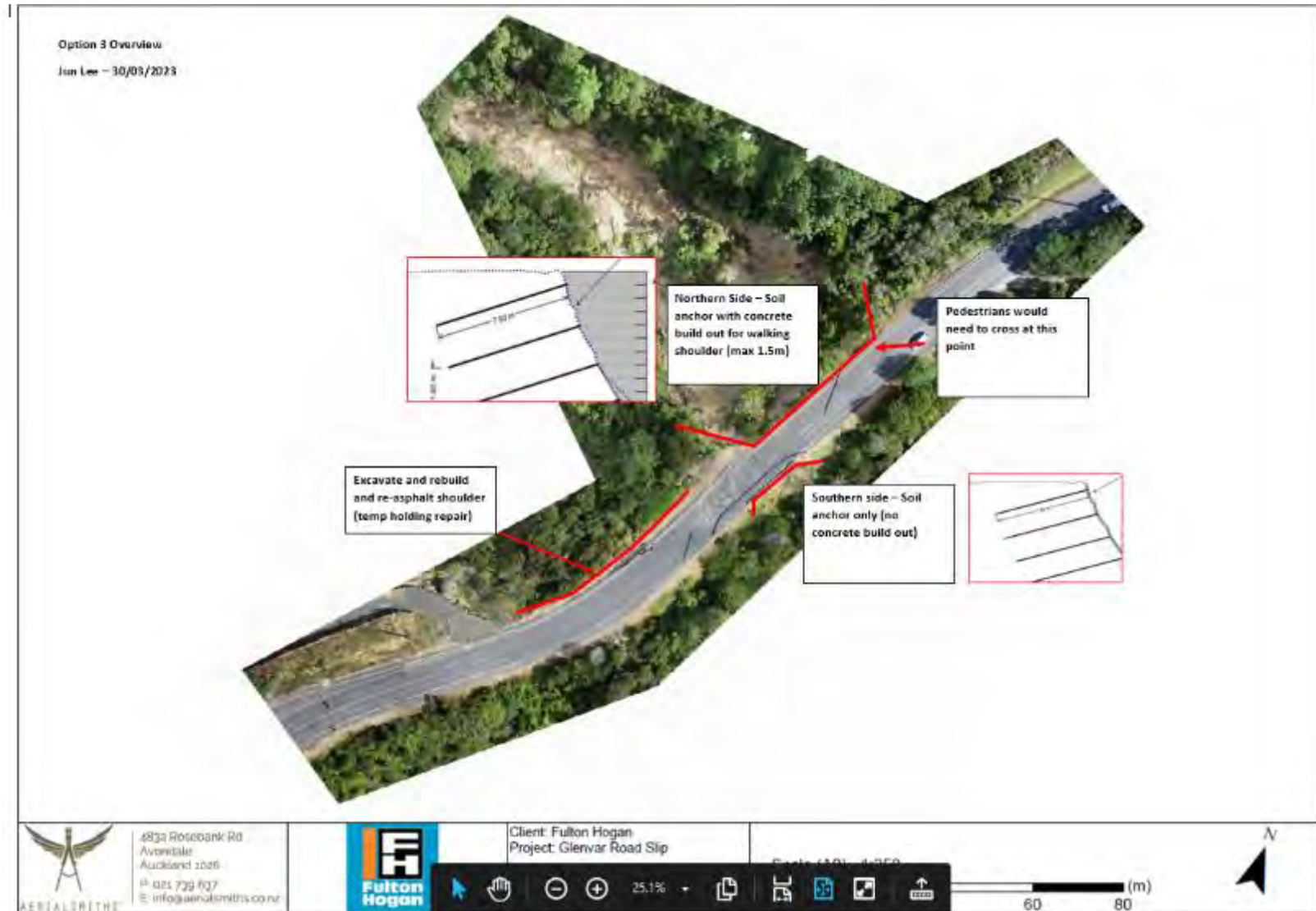
	Option 1	Option 2	Option 3
Description	Full UC soldier pile wall with double tie backs on northern side (150m), UC retaining with tiebacks on southern side	Soil anchor with concrete build out on northern side & UC Wall on Southern side	Soil anchor and shotcrete on both northern & southern side. Concrete build-out to enable pedestrian access (with some road crossing)
Funding	Dependant on capital works funding application being successful	Partially funded	Waka Kotahi storm remediation funded
Delivery time	12-18 months	9- 12 months	6-8 months
High level cost range	\$15-\$20m	\$5-\$8m	\$3m-\$4m
Benefits	Future proof for future widening (approx. 5-6m) Lowest sunk costs	Partially future-proof Reduced sunk costs Unofficial concrete shoulder	Fully funded Road open sooner Maximum certainty
Cons	Very expensive Funding uncertain Long delivery time	Additional funding required Some sunk cost Longer delivery time	Not future proofed Maximum sunk costs

Costs are very high level estimate and likely to change as designs progress



Preferred option – option 3

- Funding available
- Glenvar Rd open for summer
- Minimises impact on residents
- No future-proofing
- Maximum sunk costs



Managing impact on locals

- Diverted traffic impacting residents of surrounding streets
- Safety measures implemented: 30kph
- Traffic counts underway to quantify impact
- Further safety measures being assessed
- In contact with developer
- Speed concerns to NZ Police – call 105 or online: [105.police.govt.nz](https://www.police.govt.nz)



Next steps

- Complete designs and prepare final cost estimates
- Finalise funding
- Communicate plan with residents and key stakeholders (web page, social media, direct contact, letter)



Thank you

Let's go there 

Glenvar Road / East Coast Road corridor improvements

April 2023 – Local Board update



Agenda

1. Summary of last update
2. Resource consent assessments
3. Property impact overview
4. Construction cost estimate update
5. Next steps

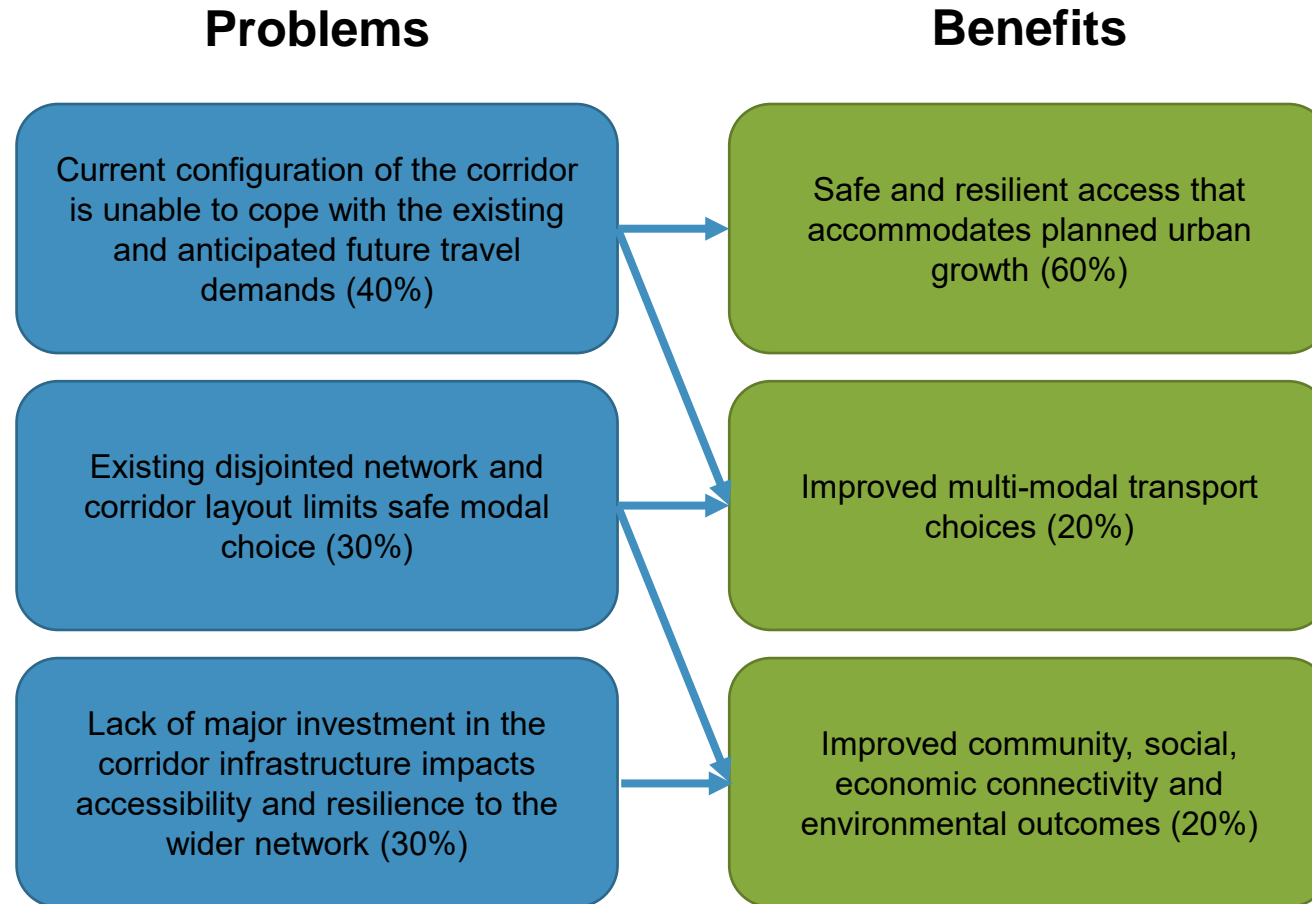
Project location



Project overview

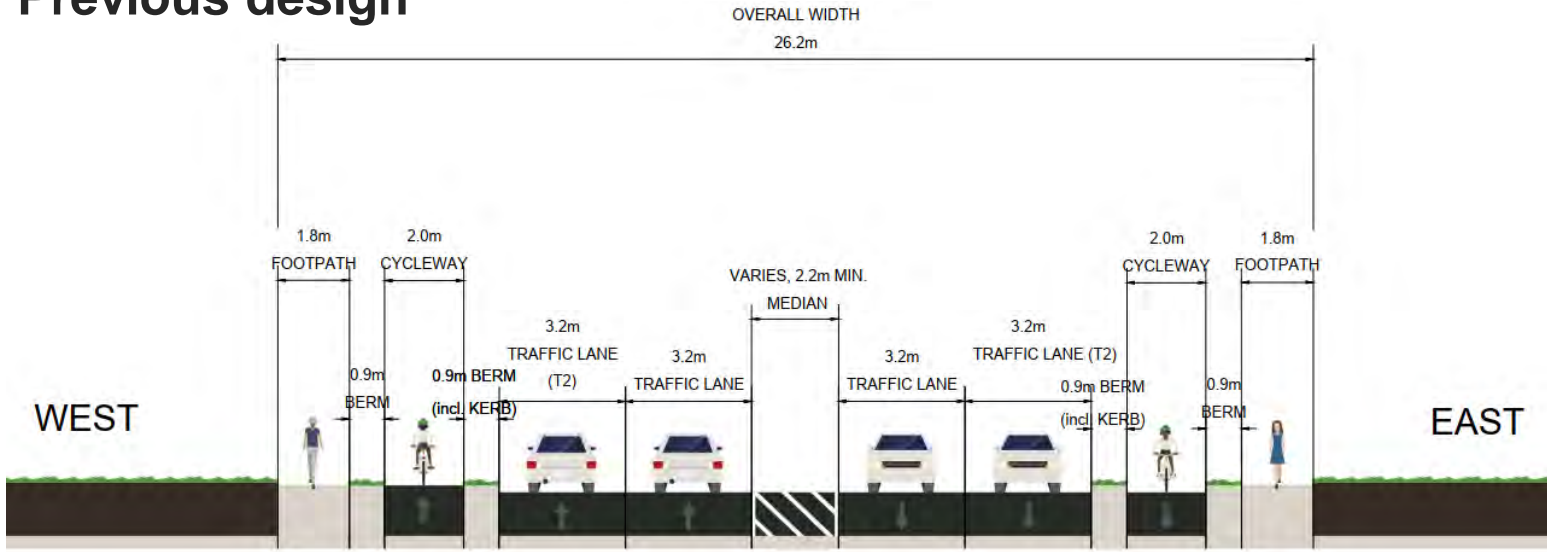


Project objectives

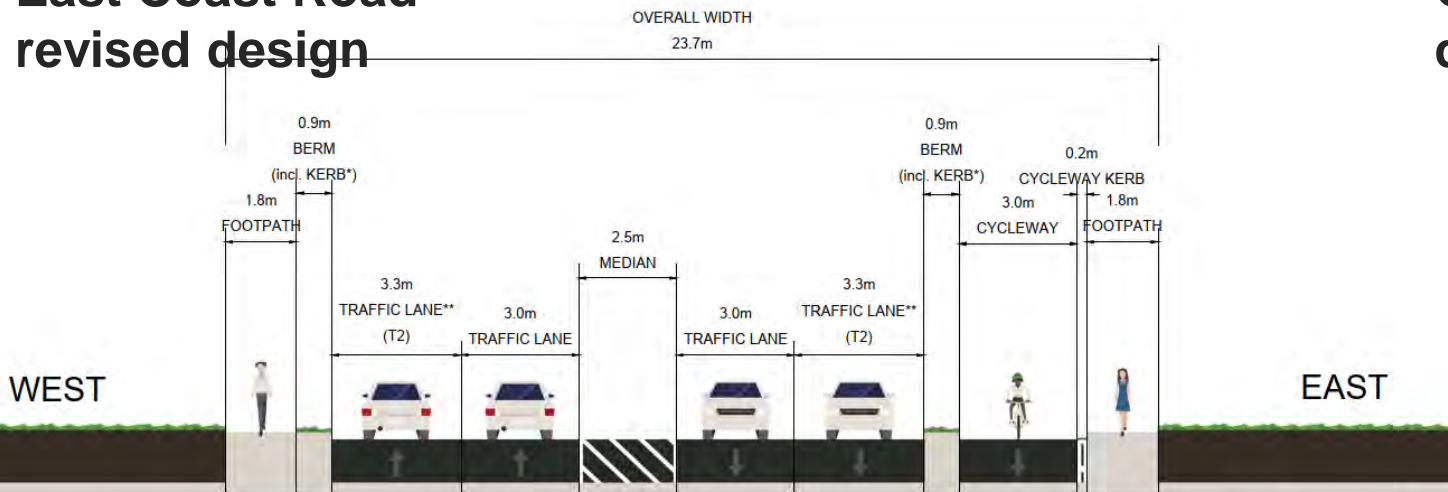


Typical cross section

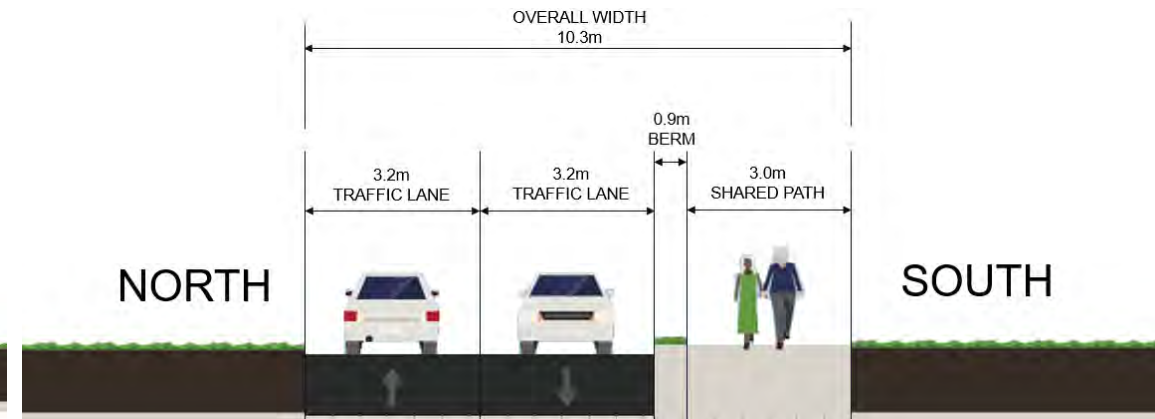
Previous design



East Coast Road revised design



Glenvar Road design

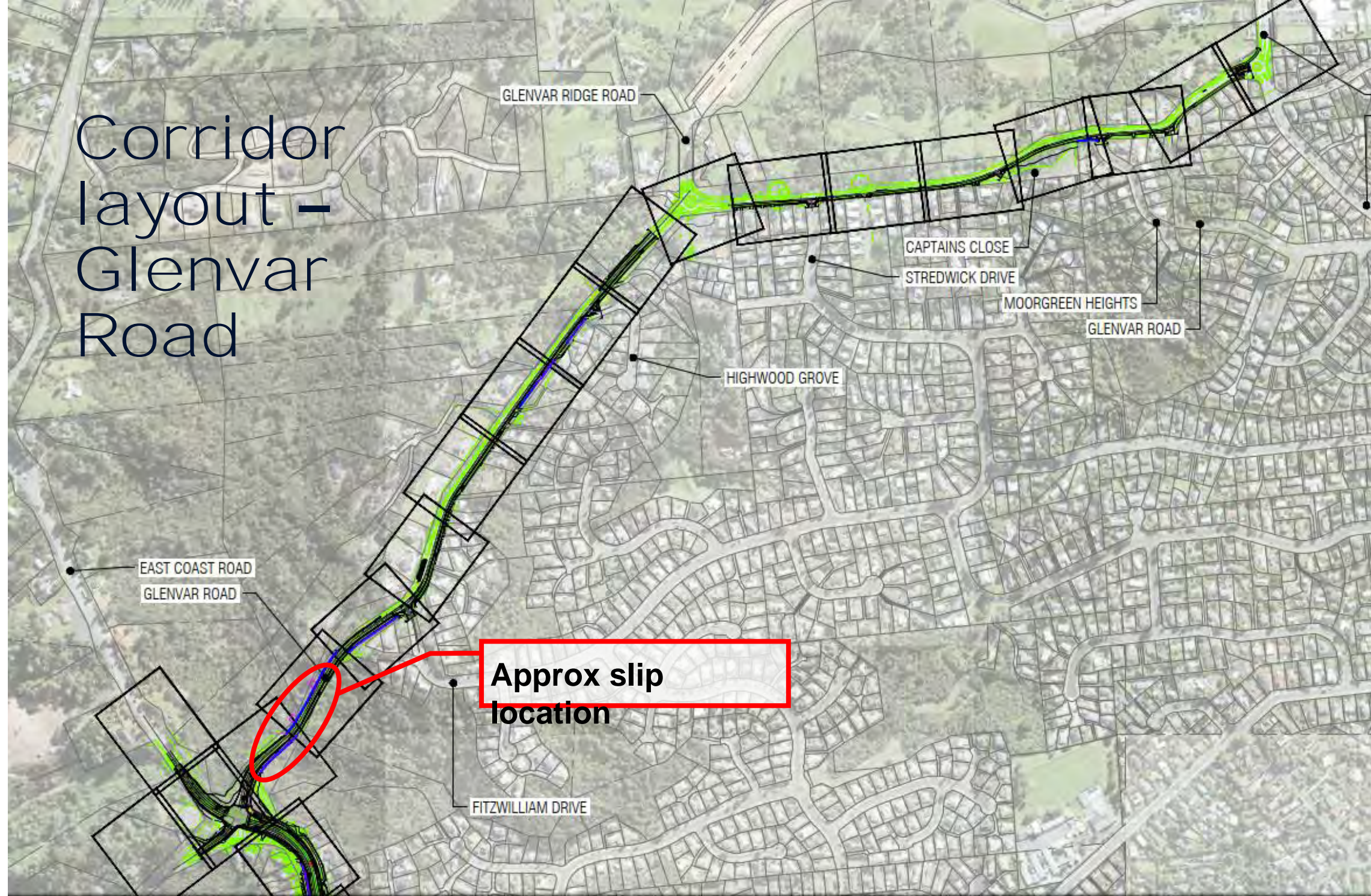


*Kerb up-stand only
** Includes channel

Corridor layout - East Coast Road



Corridor layout - Glenvar Road



**Approx slip
location**



Corridor Upgrade Physical Works Overview

Earthworks

- Approximately 113,000m³ (Approx 70,000m³ cut and 43,000m³ fill) over approximately 10.6ha - majority in road reserve.

Stormwater

- Replacement of existing and new impervious areas due to road widening and cycle/footpaths
- Climate change effects have been considered as per the Auckland Council Code of Practice
- Existing outfalls to be retained, and some upgrades proposed.
- Connections to existing stormwater network.

Vegetation Removal

- Some removal due to road widening and installation of stormwater outlets

Transport

- Road widening: Two traffic lanes in each direction on East Coast Road.
- Improved cycling/walking routes
- Relocation and/or reconstruction of vehicle accesses
- Intersection upgrades at Lonely Track Road, Glenvar Road, Glamorgan Drive

Utility relocation

- Undergrounding of overhead power
- Relocation of Watercare, Vector, Chorus assets



Consents Overview

Stormwater

- Diversion and discharge of stormwater runoff
- Redevelopment of an existing high use road; greater than 5,000m² of road
- Development of new or redevelopment of existing impervious areas

Transport

- Alterations to vehicle crossings where vehicle access restrictions apply

Open Space

- Construction of vehicle access and parking areas in Kowhai Reserve

Infrastructure

- Roads in open space/residential zone
- Vegetation alteration or removal (including SEA and tree removal in roads and open spaces)
- Tree works
- Earthworks for road improvements, including within SEA and within Long Bay Precinct Stream Protection Area B

Construction Noise and Vibration –

- Potential exceedance of relevant standards



Stormwater Overview

Five stormwater catchments; Awaruku, Long Bay, Okura North, Lucas Creek, and Deep Creek

Water quantity and flood management -

Design development identified mitigation solutions to manage existing challenges;

- Hydro-Break ((Flow Control Devices)
- Oversized pipes for upstream attenuation
- Level Spreaders

Water quality

BPO (Best Practicable Option) adopted in accordance with Resource Management Act 1991

- GPT prior to all outlets and/or connections into existing networks
- Level Spreaders where possible at outlets discharging over vegetated slopes towards a watercourse

Outfalls and Erosion / Scour Protection -

Appropriate energy dissipation and erosion control measures incorporated.

- Outfalls designed to prevent localised erosion and scour of stream banks, streambeds or receiving environment
- Manufacturer specifications and recommendations incorporated



Stormwater Overview

Impervious Surfaces

- Differences in impervious area between existing conditions and proposed design for each catchment.

Stormwater Catchment	Change of Impervious Area (m ²)	Change of Road Area (m ²)
Long Bay	783	-915
Awaruku	1942	2958
Okura North	221	573
Lucas Creek	1523	-862
Deep Creek	3329	1007

Overall Stormwater Catchment Area

- Percentage of proposed road catchment associated with the area of works compared with overall stormwater catchments

Stormwater Catchment	Overall Stormwater Catchment area (ha)	Proposed Road Catchment Area (ha)	Percentage of Proposed Road Catchment to Overall Stormwater Catchment (%)
Long Bay	456.1	3.03	0.66
Awaruku	285.4	1.72	0.6
Okura North	1788.0	0.09	0.007
Lucas Creek	621.2	0.71	0.1
Deep Creek	303.3	1.95	0.64



Stormwater Overview - Outlets

19 outlets within project area discharge to five stormwater catchments at existing locations:

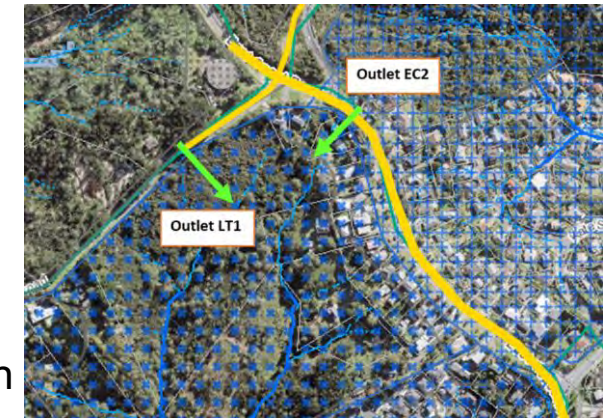
- 8 discharge into natural watercourses and 11 into existing networks.
- Expected to result in positive, negligible, neutral and adverse effects, mitigation measures applied to latter
- BPO approach for water quality and quantity applied at each outlet as agreed with Healthy Waters



Long Bay



Okura North



Lucas Creek



Awaruku



Deep Creek



Ecology Overview – Terrestrial

Terrestrial habitat

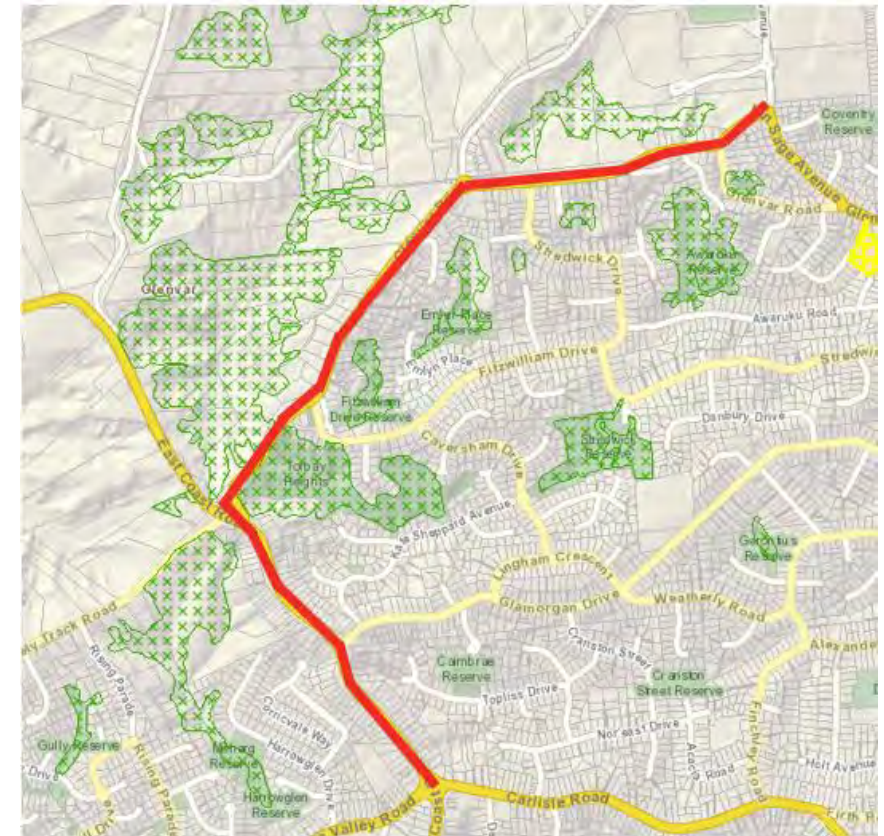
- Road widening & cycling/walking routes: 6,800m² vegetation cleared
- Confined to areas of low to moderate ecological value.
- New stormwater outlets: 40m² vegetation cleared
- In High ecological value SEA vegetation.
- Replanting to replace/improve the habitat lost.

Native Skink Management

- Copper Skink, Green Gecko and Forest Gecko likely to be present.
- Mitigation proposed through implementation of Lizard Management Plan

Native Bird Management

- Kereru likely within the Project Zone of Influence
- Avoid tree clearance during breeding season (Sept – Feb).
- If clearance undertaken during breeding, nesting bird checks must be undertaken prior



Ecology Overview – Aquatic

Stormwater outfalls

- The project will involve stormwater outfalls that ultimately discharge to watercourses,
- None will be located within the bed a of stream

Aquatic Habitats

All accessible streams adjacent to Project area ground-truthed.

- No permanent or intermittent streams identified associated with the proposed stormwater outfalls.



Figure 4-7 Ephemeral Stream adjacent to Lonely Track Road.



Construction Traffic Overview

- Draft Temporary Traffic Management Plan (TTMP) prepared, to be finalised when contractor appointed.
- **East Coast Road:** need to maintain one lane in each direction at all times and pedestrians cannot be diverted across the road at a controlled pedestrian crossing. Managed through use of staged construction methodology:
- **Glenvar Road:** Stop-go operation to avoid congestion and reduced access to property. TTMP designed to ensure road users do not experience delays exceeding 5 minutes maximum
- **Ashley Avenue:** Contraflow closures (two lane diversions) due to wider road design
- **intersections of Fitzwilliam Drive, Stredwick Drive, Highwood Grove and Glenvar Road:** Half and half methodology eg; Stop-Go, Portable Traffic Signals or One-Way Detour closure
- Intersections of Moorgreen Heights, Captains Close and Glenvar Road: Raised concrete platforms using half and half . Turning restrictions may be required.



Arboriculture Overview

- Arboricultural Assessment completed for the proposed improvement works.
- Construction of the Project will require removal of up to 69 protected trees/tree groups from road reserve. Removal of pest species will also be undertaken.
- A further ten trees have been identified as potentially requiring removal, for which consent is also sought.
- Forty-six trees are proposed to be transplanted within the Project area in order to reduce the number of protected trees to be removed.
- 36 trees will require works within the root zone. Tree protection methodologies will be followed.
- Comprehensive landscape planting to be undertaken throughout the Project area to mitigate the adverse effects resulting from the required tree removal.



Other Consent Matters

- **Noise and Vibration**
 - Draft Construction Noise and Vibration Management Plan (CNVMP) submitted with application
 - Anticipated a condition of consent to provide a finalised CNVMP prior to commencement of works
 - Operational noise – noise levels generally remain the same or reduce due to replacement of chip seal with low noise road surface. Where noise levels increase, this is due to the road alignment moving closer to dwellings however noise mitigation will not be not required. Any noise effects that may arise from the Project are considered reasonable
- **Archaeological Assessment** - No evidence of archaeology was observed within the works area, and no items have come to light during the desktop portion of the study. No reasonable cause to suspect that the proposed works will affect any in situ archaeology or heritage.
- A draft **Erosion and Sediment Control Plan** (ESCP) will be submitted with application
- **PSI** confirms contaminated land consents are not required. To be submitted in support of application.
- **Groundwater** diversion and dewatering consents are not required. To be submitted in support of application.



Property Impact

	No. of properties affected			
	Acquisition	New slip lane to replace existing driveway	Reinstate driveway within the road reserve	Temporary occupation for construction
East Coast Road	0	26	70 - 75	45
Glenvar Road	0	0	40 - 45	45



Construction Cost Estimate

- Physical works base estimate is \$49M – approx. 60% increase from the SSBC estimate.
- Main cost increases relate to estimates for retaining walls and pavement surfacing cost.
- Expected project benefit cost ratio is 1.6.
- Expected changes to construction estimate:
 - *Glenvar Road slip remedial related works (high risk)
 - Climate change sensitivity test (medium risk)

Revised BCR @ 70% detailed design:

	SSBC	70% Detailed Design cost estimate
Travel time savings	\$182,093,370	\$55,777,174
Vehicle operation cost savings	\$18,981,426	\$19,363,330
Crash cost savings	\$4,168,430	\$9,481,604
Reliability savings	\$9,104,668	\$3,099,204
Cycling benefits	\$5,149,106	\$4,058,678
Walking benefits	\$1,949,792	\$2,359,219
PV total net benefits	\$221,446,793	\$94,139,209
Cost estimate	\$41,314,362	\$60,355,030*
Maintenance	\$0	\$0
PV total net costs	\$41,314,362	\$60,355,030*
BCR	5.4	1.6



Key Risks

- Ongoing rising construction costs affect benefit/cost ratio and availability of funding
- Weather events diverting project funding
- Election year – possible change in government impacting Waka Kotahi direction



Next Steps



Thank you

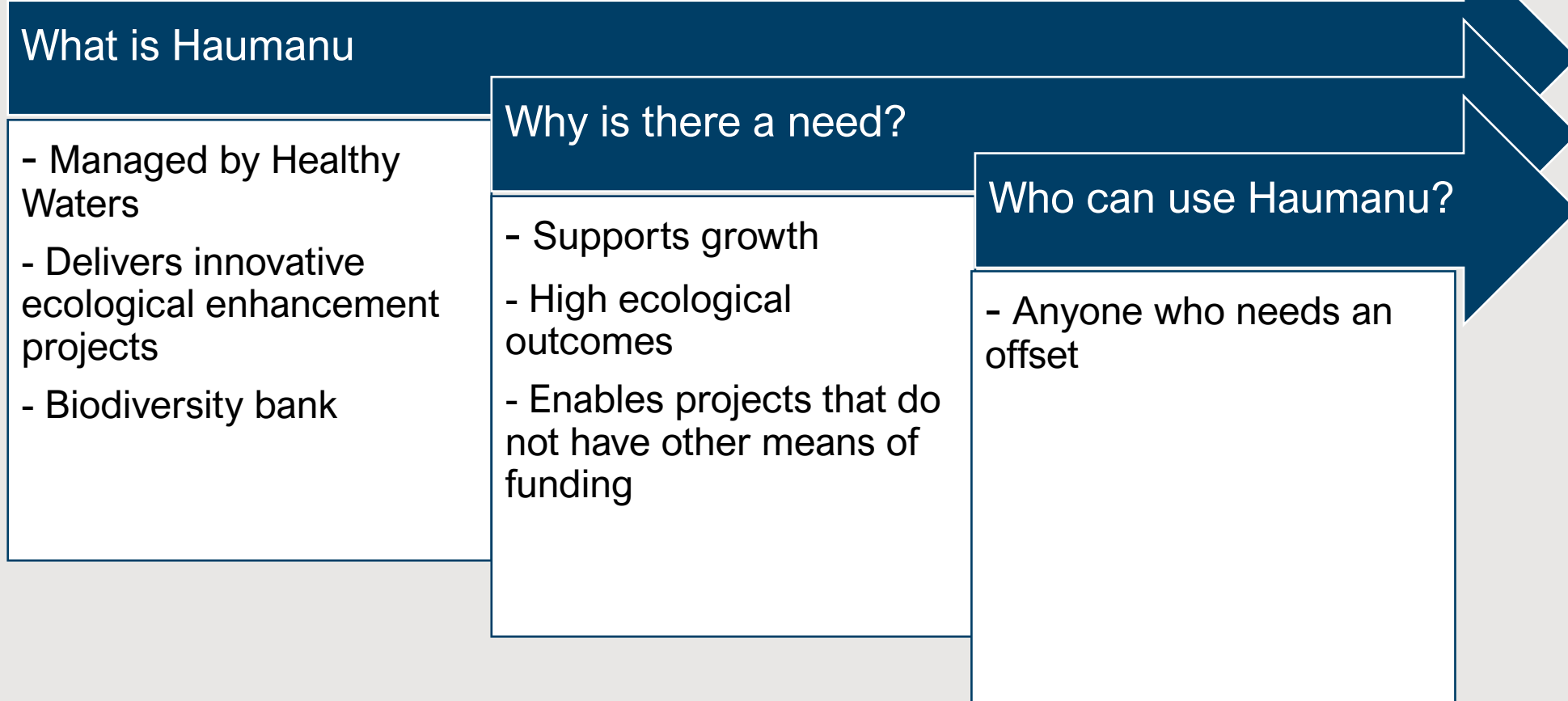
Let's go there 

Haumanu Program Biodiversity Offset Bank

April 2023



Healthy Waters Biodiversity Offset Bank (Haumanu)



General Criteria (Haumanu)



Taiaotea Reserve (Sherwood)

- **Lots of space to daylight or widen stream**
- **High base flow of streams (knee to waste deep at all times)**
- **Base ecological value of less than 0.3 (SEV)**
- **No Committed funding**
- **No existing legal requirement**



Existing Projects - Edith Hopper



- Location: Edith Hopper Reserve
- Removal of Concrete Lined Channel
- Stream Naturalisation
- Planting
- Potential for a wetland

- Status: Concept moving to Preliminary



