

RiverLink

Hutt City Council - Members Briefing

Wednesday,
3 June 2020



RiverLink Movie

<https://www.youtube.com/watch?v=oJJNiF3NbS0>



Purpose

To provide a briefing on:

1. What is RiverLink
 1. Introduction to what, where and how (Martin White)
 2. Melling Transport Improvements
 3. Flood Resilience (Alistair Allan, Greater Wellington Regional Council)
 4. Urban Regeneration (Paki Maaka, Hutt City Council)
2. Indicative Programme
3. Next steps

What is RiverLink?

Making Hutt City more resilient, more connected and vibrant



Improve flood protection system



Promote population and commercial growth



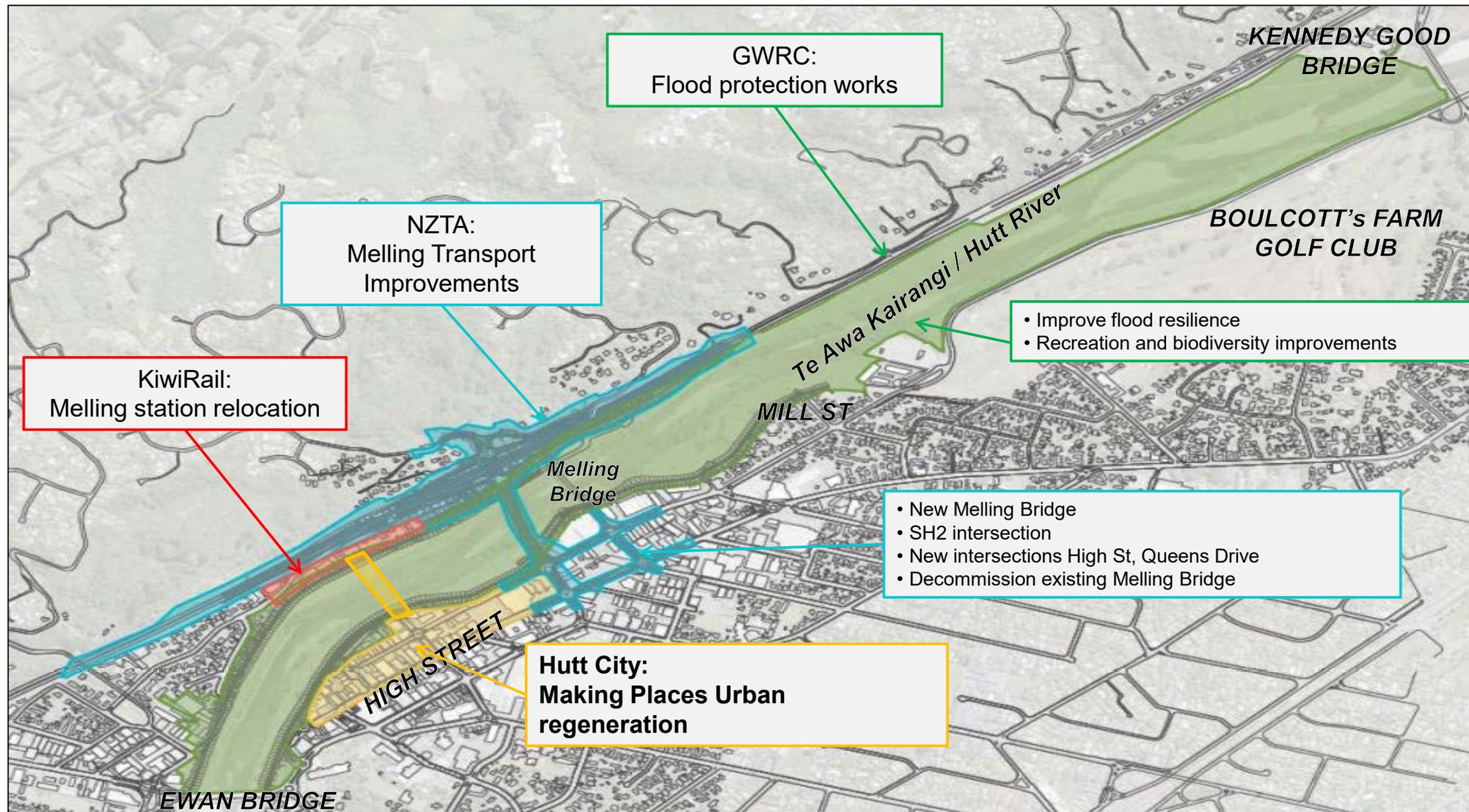
Improve transport links



RiverLink

Better flood protection, transport and lifestyle for Lower Hutt

A program of urban regeneration works



Who are we?



Policy Context

- Greater Wellington Regional Council: Hutt Valley Flood Management Plan
- Hutt City Council: City Centre Transformation Plan
- NZTA: National Land Transport Strategy
- Long Term Plans/Annual Plans

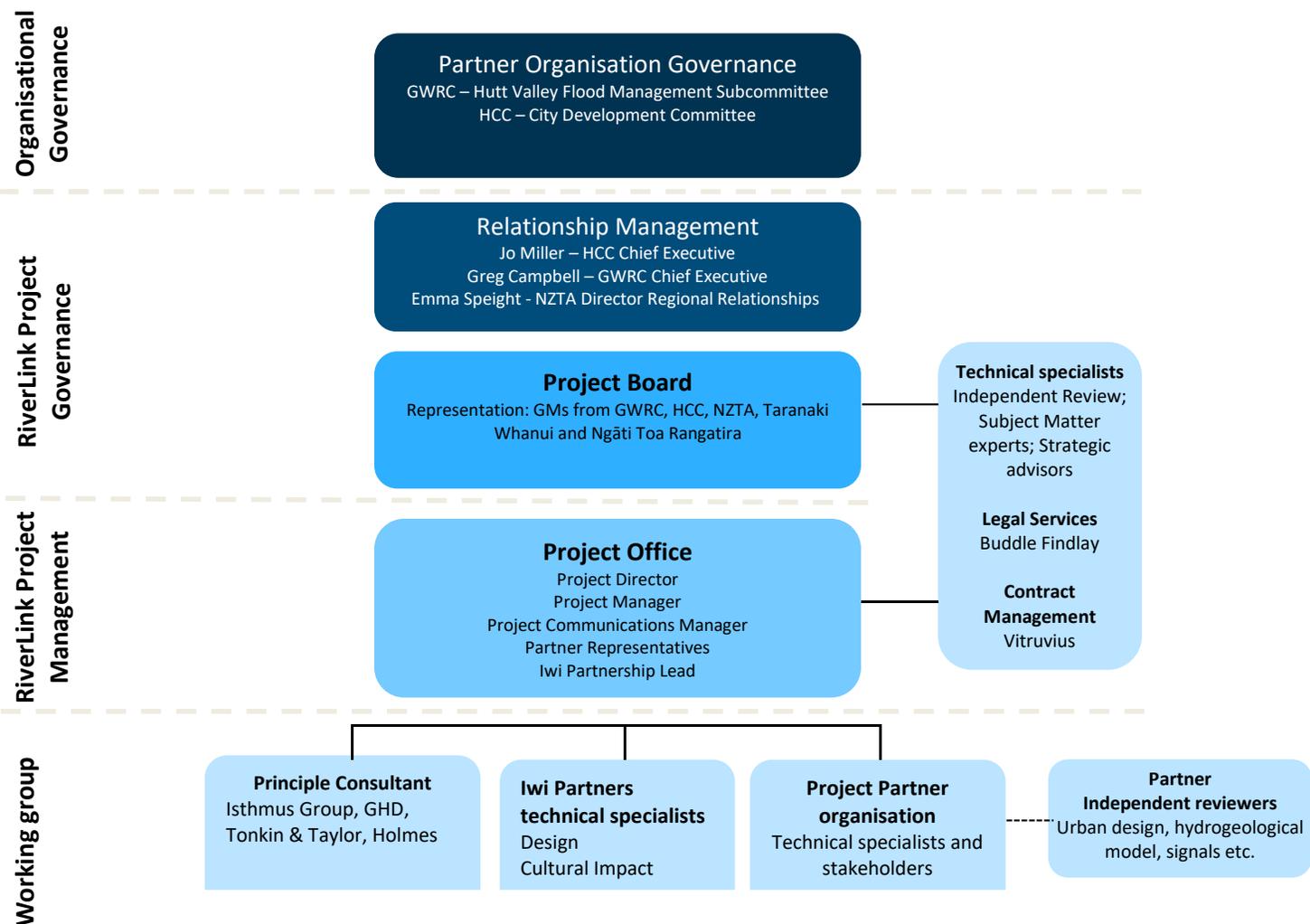
Project Governance

Project structure as per adjacent org chart.

RiverLink Budget

NZTA \$258m
 GWRC \$125m
 HCC \$51m

Funding for phase 1, pre design and consenting \$9m



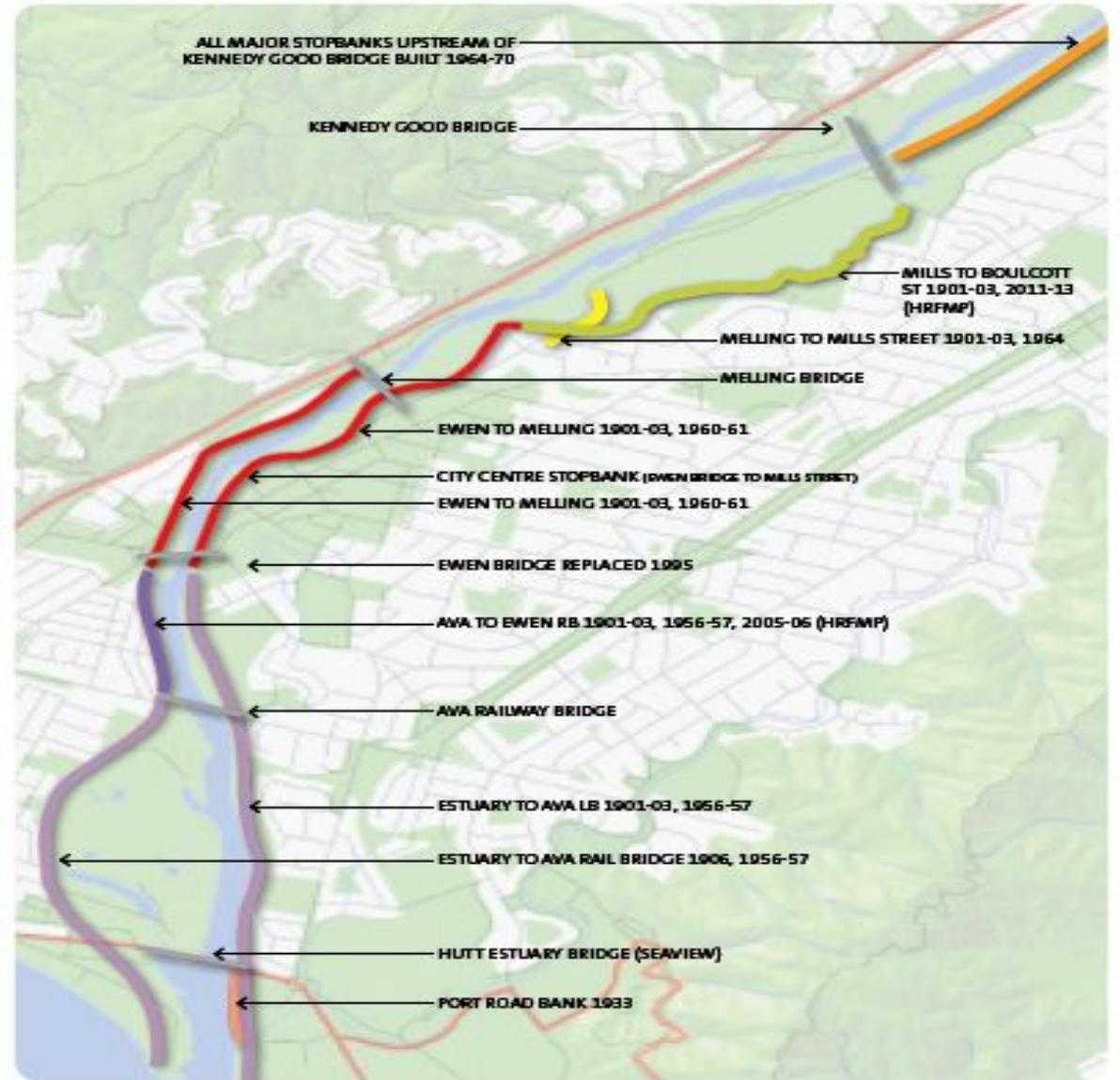
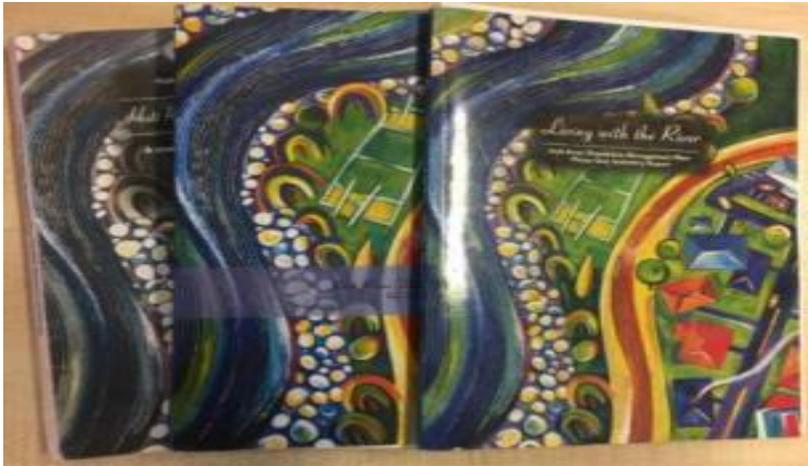
Melling Transport Improvements



Flood Resilience – Alistair Allan



Te Awa Kairangi / Hutt River Floodplain Management Plan



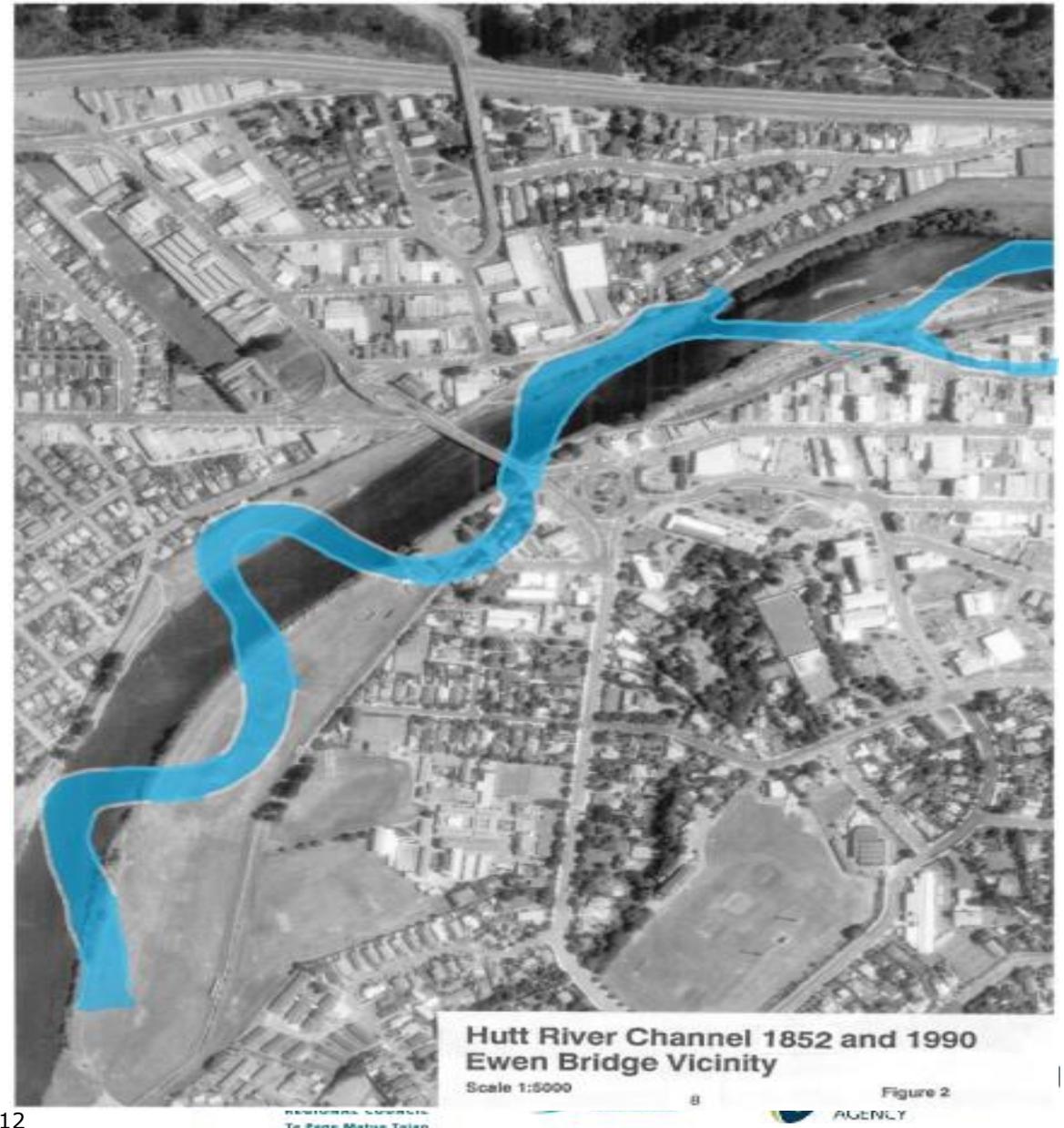
Flood vulnerability

- Consequences become more significant with increasing urbanisation
- More growth, means more value on the floodplain, meaning a greater demand for security
- But also a greater consequence if that security fails

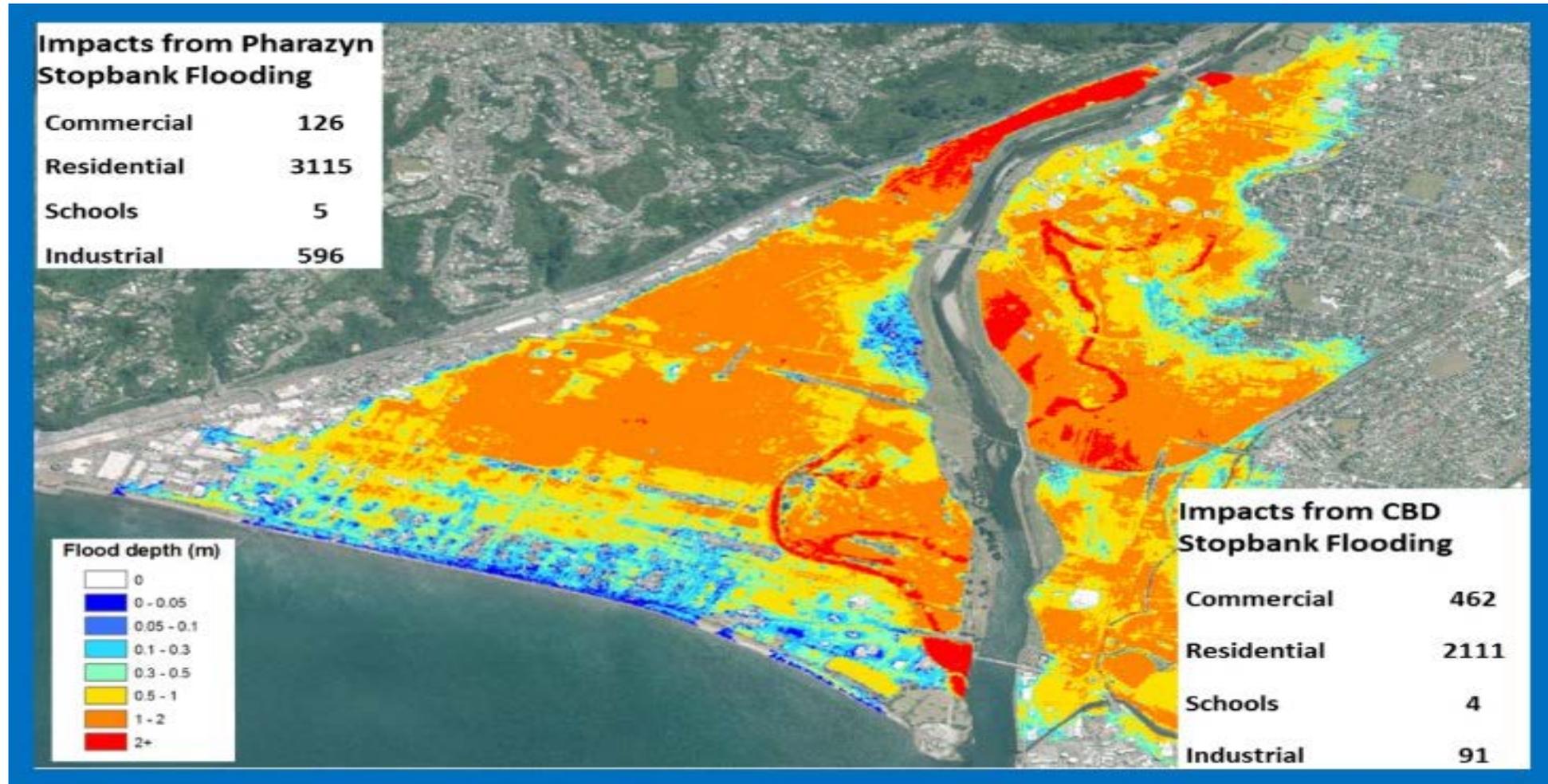


Flood vulnerability

- The city is built on the floodplain of the river
- The City centre and the valley floor is home to 130,000 people today
- Its one of New Zealand's most densely populated floodplains



Flood vulnerability - 2015



Past floods: Jan 2005 (25 year event)



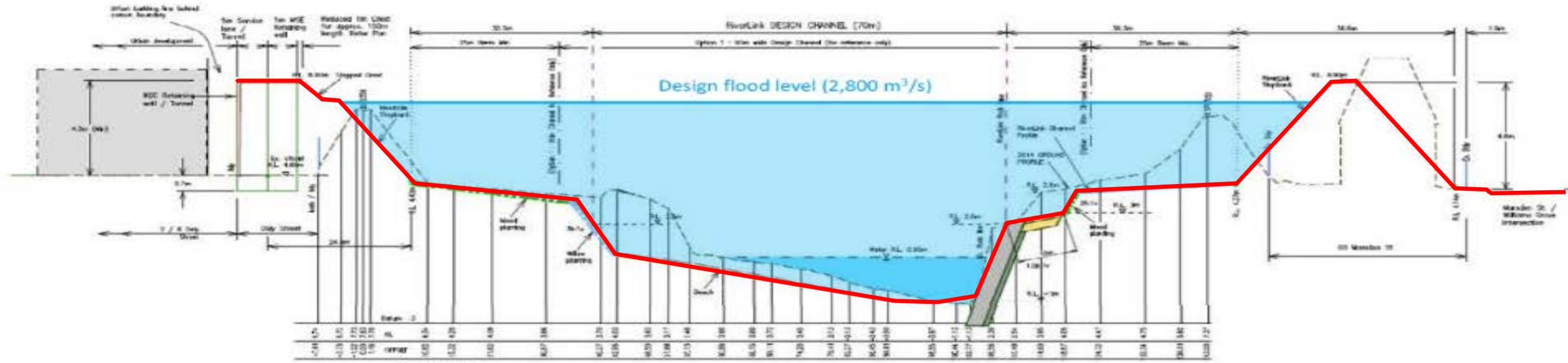
1939
2005



RiverLink Preliminary Design



Flood Protection Upgrades



Cross-section 350 (vertical exaggeration 5:1)

Flood Protection Upgrades

- Protection up to a 1-in-440 year return period flood event including climate change (0.23% chance in any given year)
- That's approximately a 2,800 cumec (cubic metres of water per second) flood volume
- Without a new Melling Bridge we can only meet a target of 1-in-200 year return period
- Current constraint at Melling has been estimated to be as low as 1-in-60 year return period capacity

Urban Regeneration – Paki Maaka



Our Future Vision for Central Lower Hutt



Hutt City Council

\$51.7M LTP Funding

HCC Business Case

benefits over 20 years;

- \$2.5B economic
- 2,700 new jobs
- 1,300 new homes
- 2,200 new residents

RiverLink Business Case

<http://iportal.huttcity.govt.nz/Record/ReadOnly?Tab=3&Uri=4407386>



City's future centres on River



HCC LTP RiverLink Funding = \$51.7M

Funded scope includes:

0. Project costs – cost to run project.
1. Promenade - partial
2. Promenade – full version
3. Promenade – partial
4. Daly Street properties
5. Pedestrian/Cycling Bridge
6. Margaret Street
7. Dudley Street
8. Andrews Ave
9. Laneways
10. East Access Route
11. Car Parking
12. Melling Bridge - contribution
13. 3 waters

Additional \$27.5M to be considered beyond 2020-2021

- Project contingencies eg. contaminated land, ground improvements, contingent scope etc.
- Phase 3 project costs – project office, fees, engagement, procurement of build etc.
- Scope not budgeted eg. possible bus interchange, public facilities, WCs, playgrounds, skate park, misc. connecting up walking/cycling, possible second pedestrian/cycling bridge etc.

Funding sought HCC Annual Plan 2020-2021 = \$22.5M

14. \$20M Estimated cost share Melling Interchange.

15. \$2.5M Pedestrian/Cycling Bridge – bring budget up to cost estimate.

scope that is funded ———

scope not funded or by others - - - - -

HCC Scope

Multi-criteria analysis required for RMA consent application

6x starting concepts

- expert evaluation
- multiple criteria
- reduced to 3x concepts

Conclusion : develop 7th Option

MCA of Promenade Design



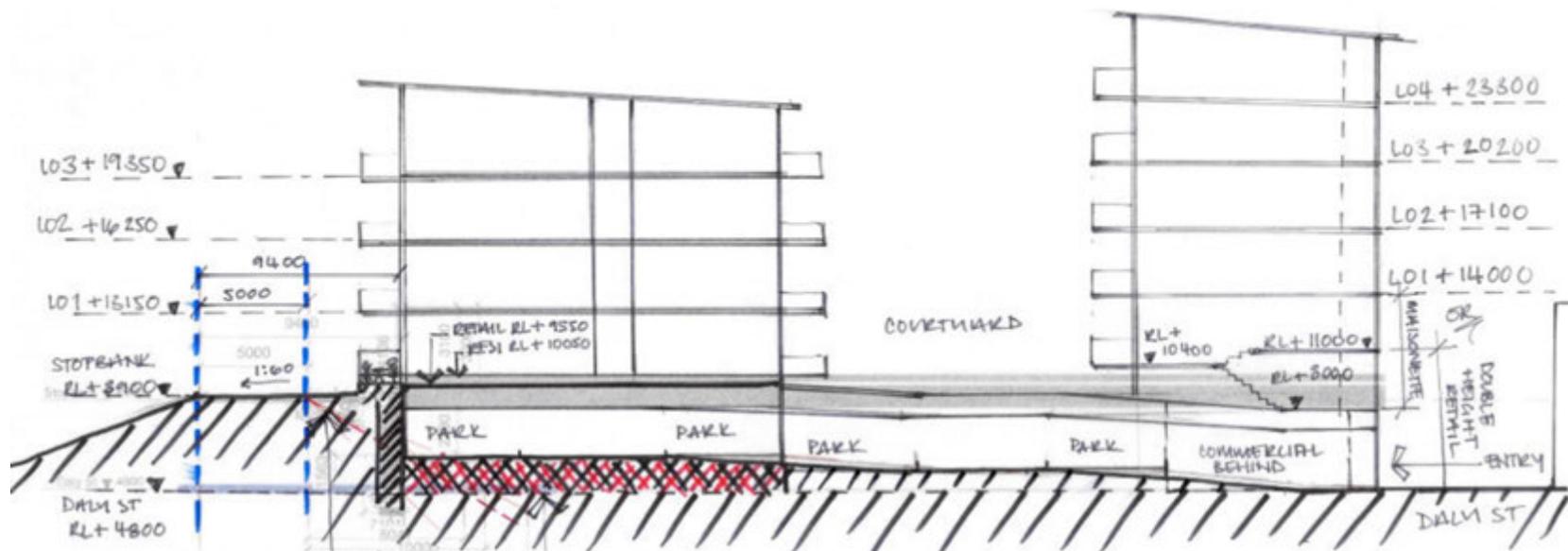
HCC Scope

MCA Option 7 of Promenade Design

MCA Option 7 – CONCEPTUAL ONLY

Design led by HCC + UPL

- value for money
- optimise stopbanks
- staged implementation
- maximise development yield
- direct connection to promenade
- geotech analysis August - September



How to enable good property development.

Analysis of East & West Banks;

- Mike Cullen, Steve Thorne, Space Syntax
- staging & levers to grow property market
- good promenade development will take time

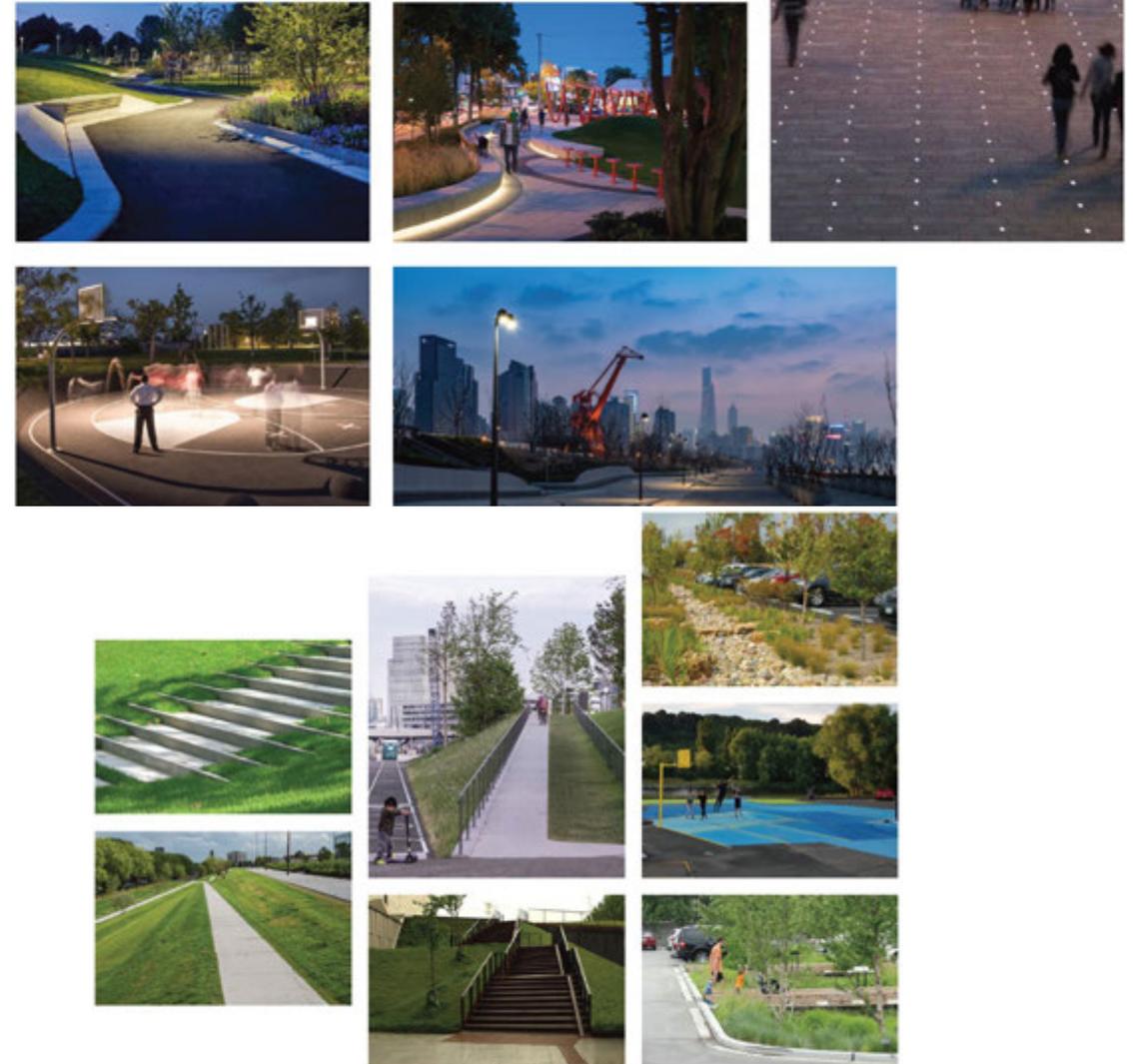


Next Steps

- Progress & integrate with work on imminent RiverLink Master Plan.

High level design intent for RiverLink scope.

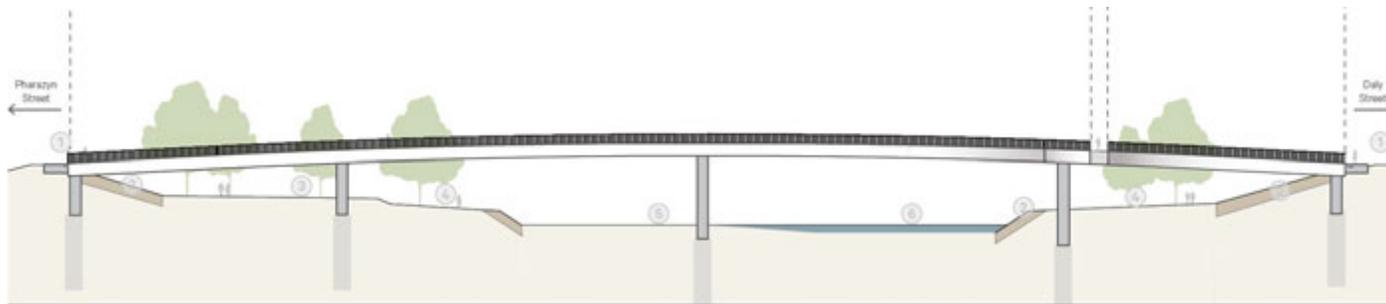
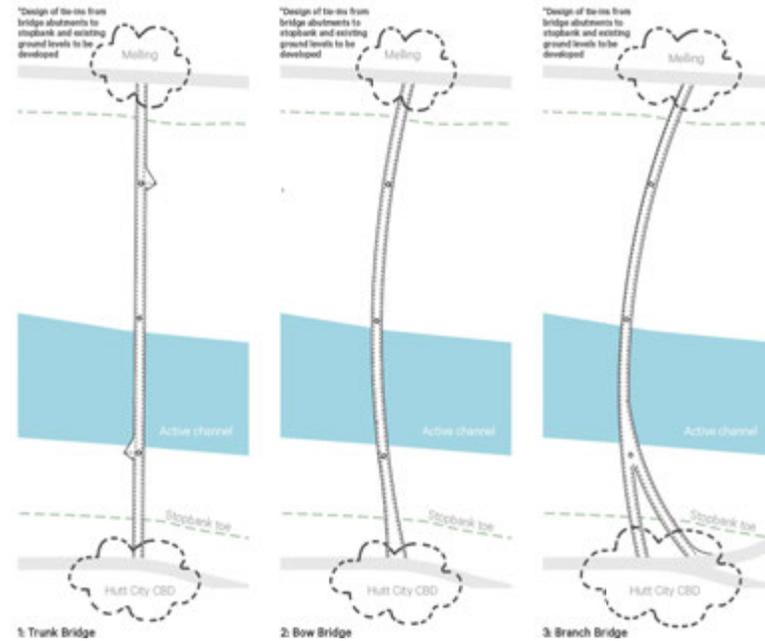
- 60% complete
- NZTA standard practice
- Mana Whenua, HCC, GWRC, NZTA
- captures Melling, Promenade, River & Landscape, Bridges, Lanes etc.



HCC Scope

3x initial concepts

- Mana Whenua very interested.
- straight option best value



Pedestrian & Cycling Bridge



HCC Scope Improvements

Diagram shows NZTA scope for Melling \$258M;

- Cost sharing HCC, GWRC, NZTA to be agreed
- HCC to consider funding for cost sharing
- NZTA has allowed for standard bridge
- HCC integrating local connections

Melling Transport

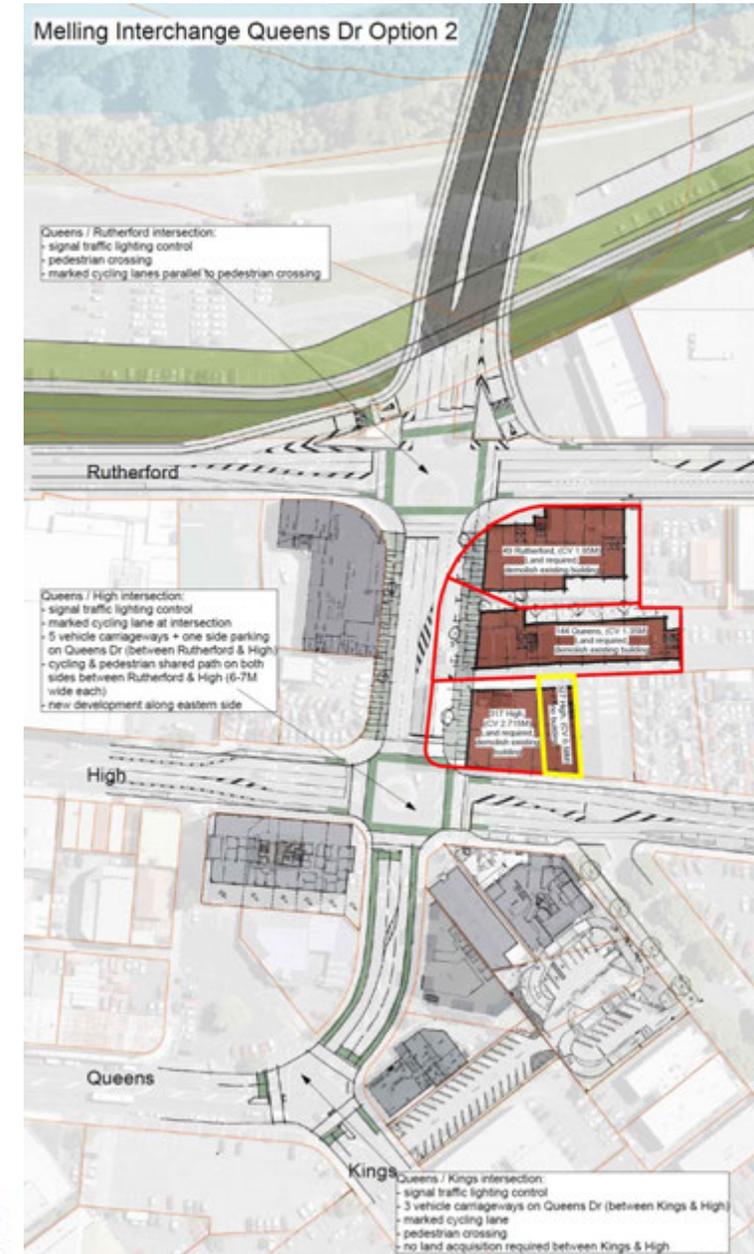
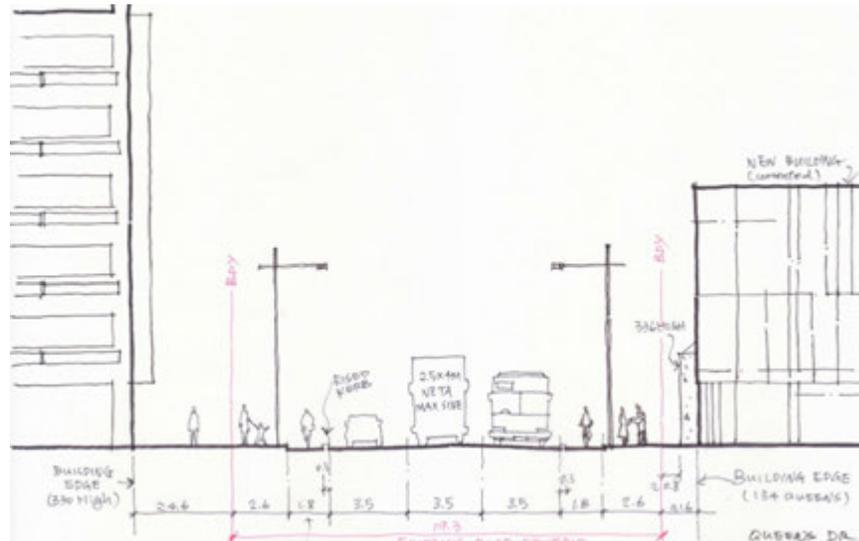


HCC Scope

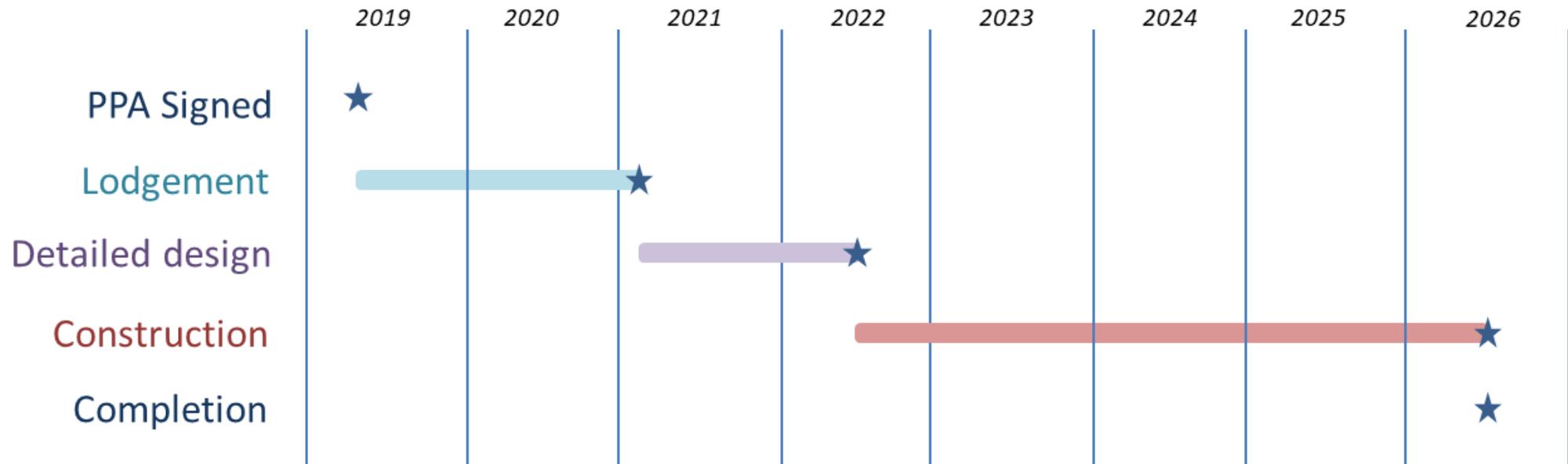
Melling into Queens Drive

Queens Drive and East + West Access Routes

- walking, cycling, buses, vehicles
- future front door to CBD
- central city experience
- intuitive way finding



Indicative Programme



Next Steps

- Decisions to be made
 - Pedestrian Footbridge
 - Queens Drive interchange
 - City Edge
- Funding issues to consider – cost sharing
- Consultation and engagement

Items to be finalised

- Ongoing programme of Property Acquisition
- COVID19 Stimulus Package – possible fast tracking and funding for 'Shovel Ready' projects.

Key Messages

- RiverLink has the ability to be a transformational project for Hutt
- RiverLink represents a different way of delivering major infrastructure – to create a unique sense of place
- RiverLink is “joined-up government” and represents authentic collaboration achieving added value and efficiencies

