



Attachment A



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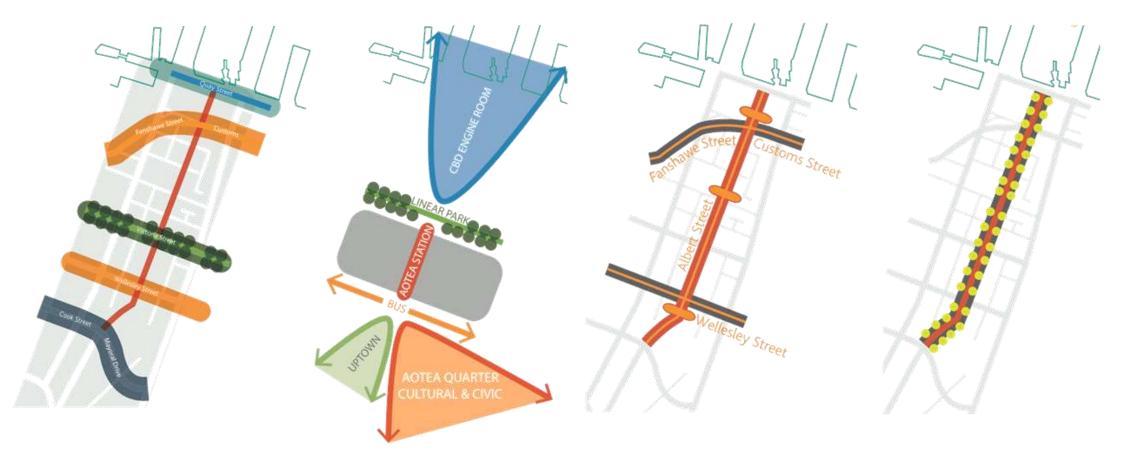
Item 9

Minute Attachments





CONCEPTUAL IDEAS ALBERT ST DESIGN FRAMEWORK (ADO)



Major east-west streets take precedence over Albert St

Albert St broken up into distinct sections pivoted around Aotea Station block

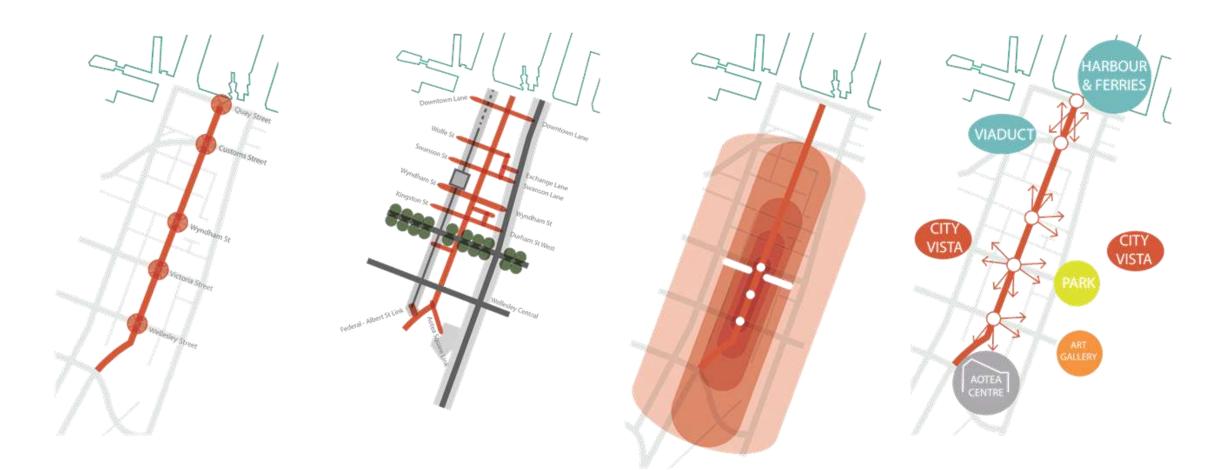
Recognised as a celebrated civic pt street consistent in quality with other major bus streets in the CBD Street trees and surface materials provide continuity + consistency

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CONCEPTUAL IDEAS ALBERT ST DESIGN FRAMEWORK (ADO)



A common spproach to the design of main intersections to prioritise pedestrian movement and reclaim junctions as an important public place

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Strengthen east-west links with Federal St and Queen St

Support Aotea Station becoming a regenerative force across Midtown and Aotea Quarter

from key intersections

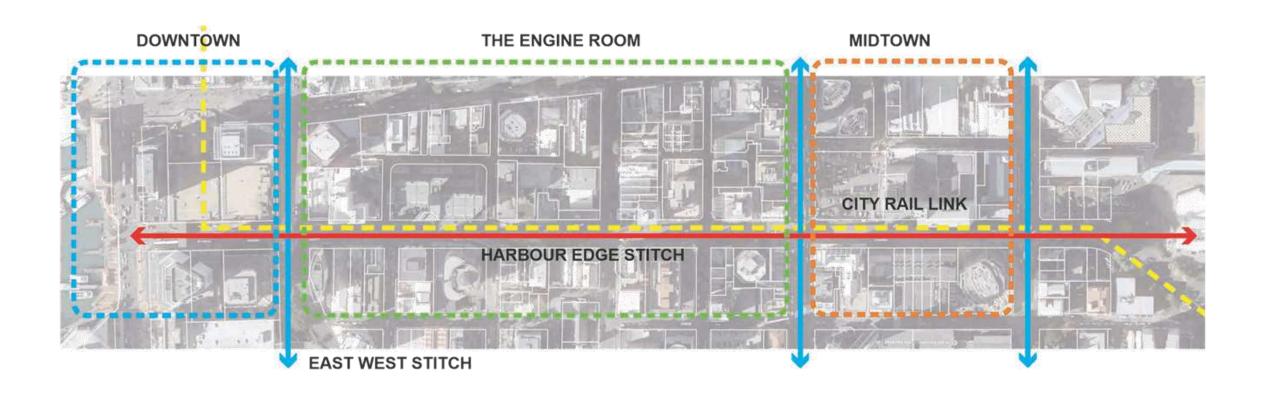
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Strengthen and enhance sightlines

STRATEGIC DESIGN CONTEXT

CRL ENABLING WORKS REFERENCE DESIGN (ADO / CRL)



- 1. A High Quality Civic Corridor
- 2. A Pedestrian Focused Environment
- 3. An Efficient Public Transport Network
- 4. A Legible Civic Public Transport Street

- 5. Connecting The City To The Harbour And Beyond
- 6. Integration Of Cultural Design Principles
- 7. Stimulates Investment And Economic Vitality

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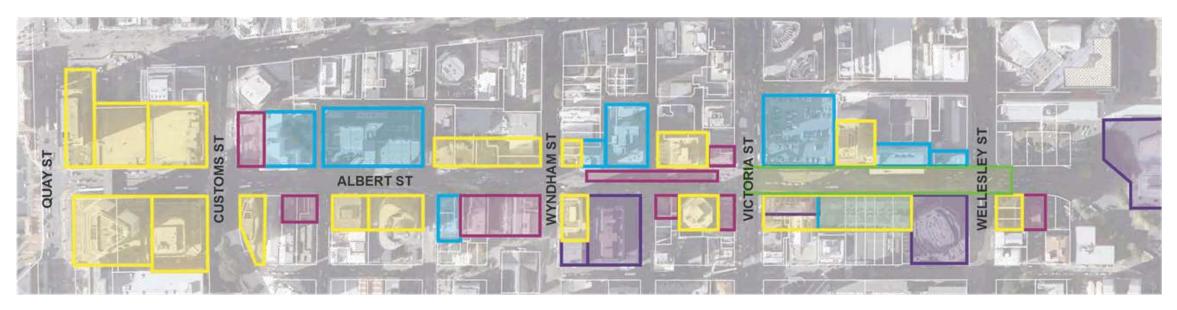


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STRATEGIC DESIGN CONSIDERATIONS

ALBERT STREET STAKEHOLDERS / RESIDENTS

What is Albert Street's role and status in the Central City?



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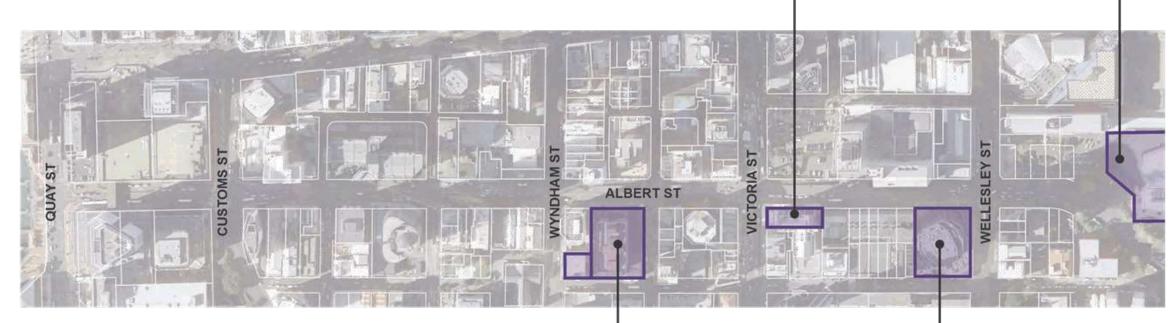


STAKEHOLDER ANALYSIS **CIVIC BUILDINGS / FUNCTIONS**

Internal Affairs Te Tari Taiwhenua

'Building a safe, prosperous and respected nation'

Albert Street is home to some of Auckland's most notable public institutions and as such contribute significantly to the physical character and function of the corridor.



Ministry of Justice Tāhū o te Ture



Auckland Council Te Kaurihera o Tāmaki Makaurau



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Aotea Centre







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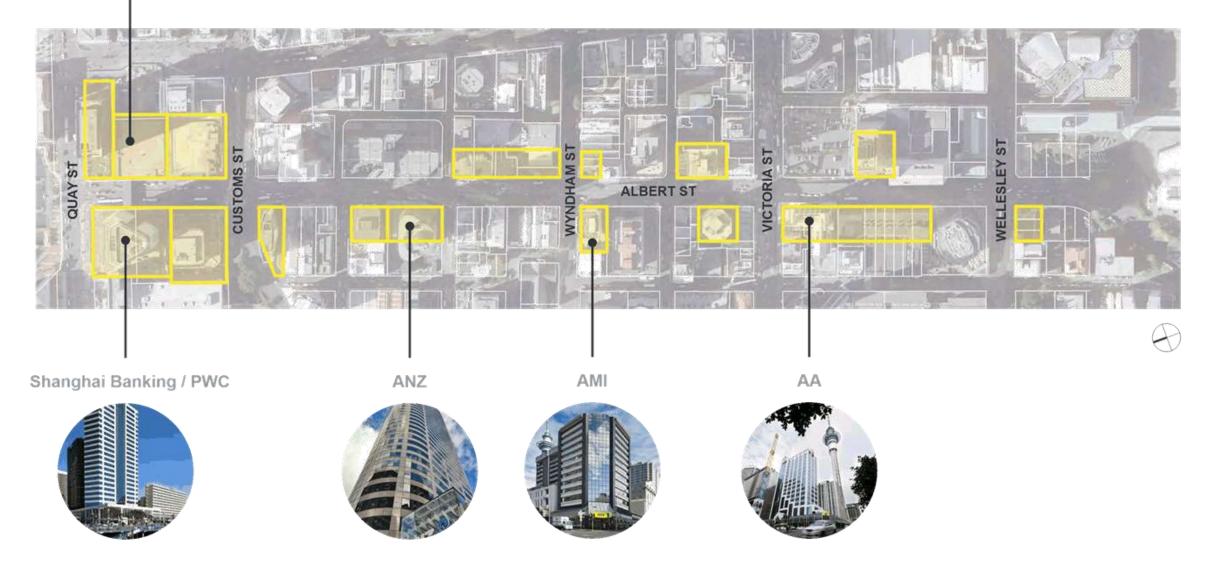
STAKEHOLDER ANALYSIS COMMERCIAL / BUSINESS

Commercial Bay



The banking, finance and insurance industry hold a significant present on the corridor with a number of New Zealand's most notable business's calling Albert Street home.

These organisations play a key role in the economic stability and prosperity of the country. Alongside these anchor business' are a range of other commercial enterprises such as educational facilities, retail and food and beverage outlets



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STAKEHOLDER ANALYSIS

ACCOMMODATION

A number of Auckland's premier hotel accommodation is situated on Albert Street. The first impression of Auckland for many visitors is when they leave their hotels for the first time.

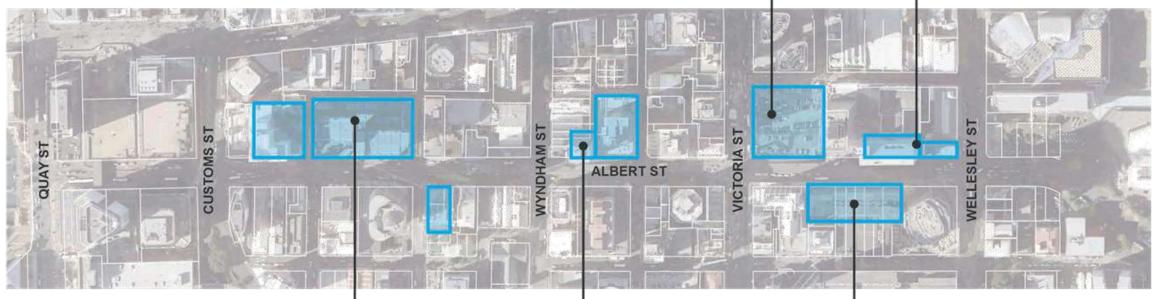
A growing number of residents are choosing to live in central Auckland with apartment developments established, under construction or proposed for the street. As such a safe healthy environment is important.



Crowne Plaza







Stamford Plaza



Barclay Suites



Sky City Grand



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STAKEHOLDER ANALYSIS

HERITAGE CHARACTER



9 Wolfe St

Shakespeare Hotel



Martha's Corner





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Public Trust Office



STAKEHOLDER ANALYSIS

CITY RAIL LINK

The proposed Aotea Station that spans the block between Victoria and Wellesley Street will transform midtown Auckland. It is likely the station will be the busiest on the rail network.







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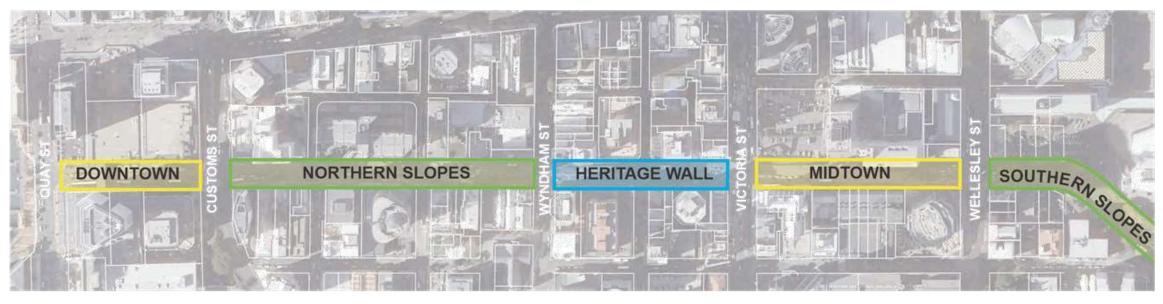
ALBERT STREET CORRIDOR ZONES

Downtown

- · Transport interchange and associated infrastructure
- High pedestrian concentration
- Landmark commercial office buildings and the proposed Commercial Bay development

Midtown

- Proposed CRL Aotea Station
- Includes the Crown Plaza, Auckland Council, Sky City, AA building and proposed NDG building.
- · High pedestrian concentration with multiple pedestrian movement desire lines.
- · Strong association with the East-West linear park
- Constrained cross section



Northern Slopes

- Pedestrian and transport movement zone
- Corridor supports tree lined street
- · Requirement for integration of bus stops

Heritage Wall

- · Existing stone heritage wall and the associated laneways defines the character of the block
- Pedestrian and transport movement zone
- · Constrained cross section

Southern Slopes

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 Pedestrian and transport movement zone Substantial existing street trees

· Large bus stops situated on the street

providing access to Aotea Centre and Square

PROJECT SCOPE OF WORKS

CRL ENABLING WORKS REFERENCE DESIGN (ADO)



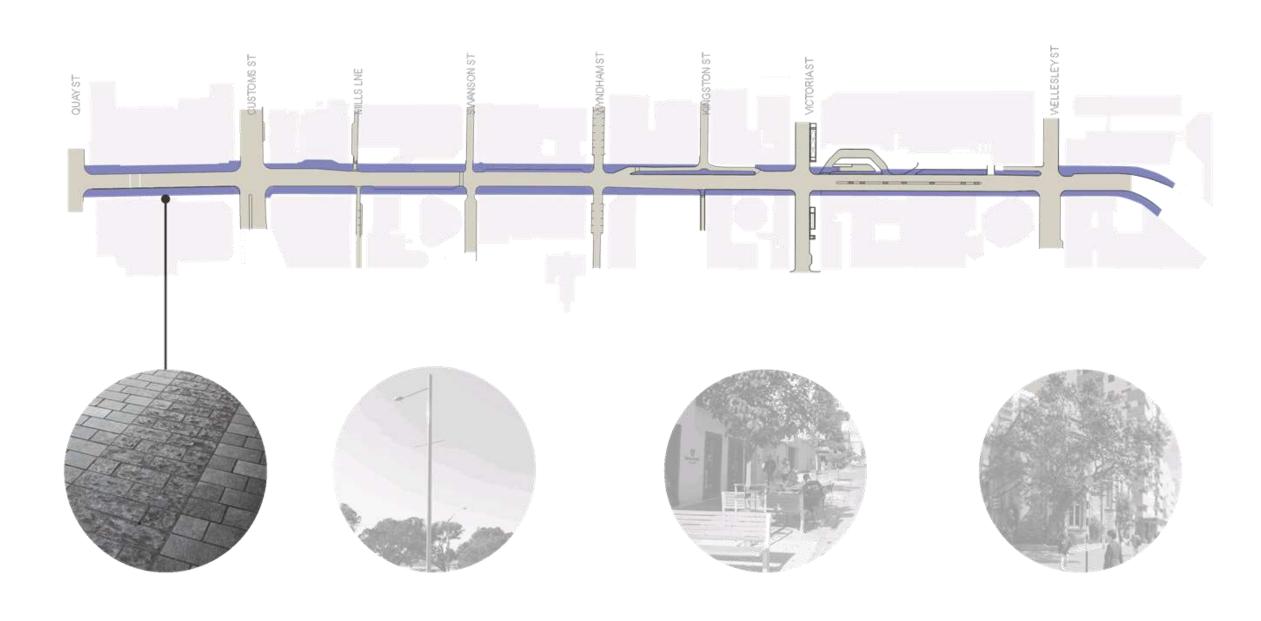
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DESIGN STRATEGY PAVING MATERIALS

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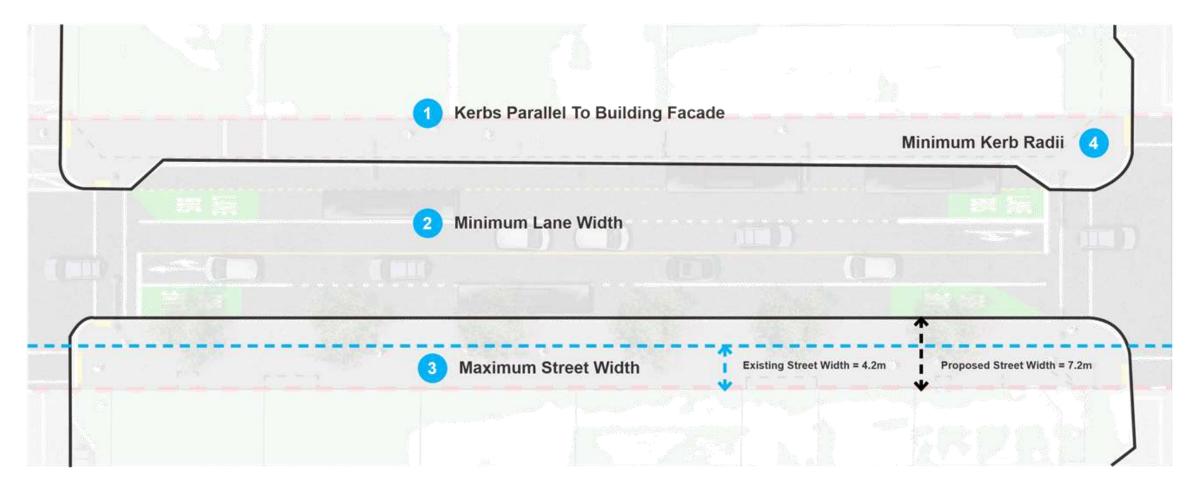


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TRAFFIC LANE CONFIGURATION

The arrangement of traffic lanes can have an impact on the look and feel of the street. Over engineered lane configurations with little consideration to pedestrian amenity can feel vehicle centric and lack design compositional rigor. Albert Street is designated a major bus network corridor and as such integration of the bus operation requirements is key to the success of the street.



The design;

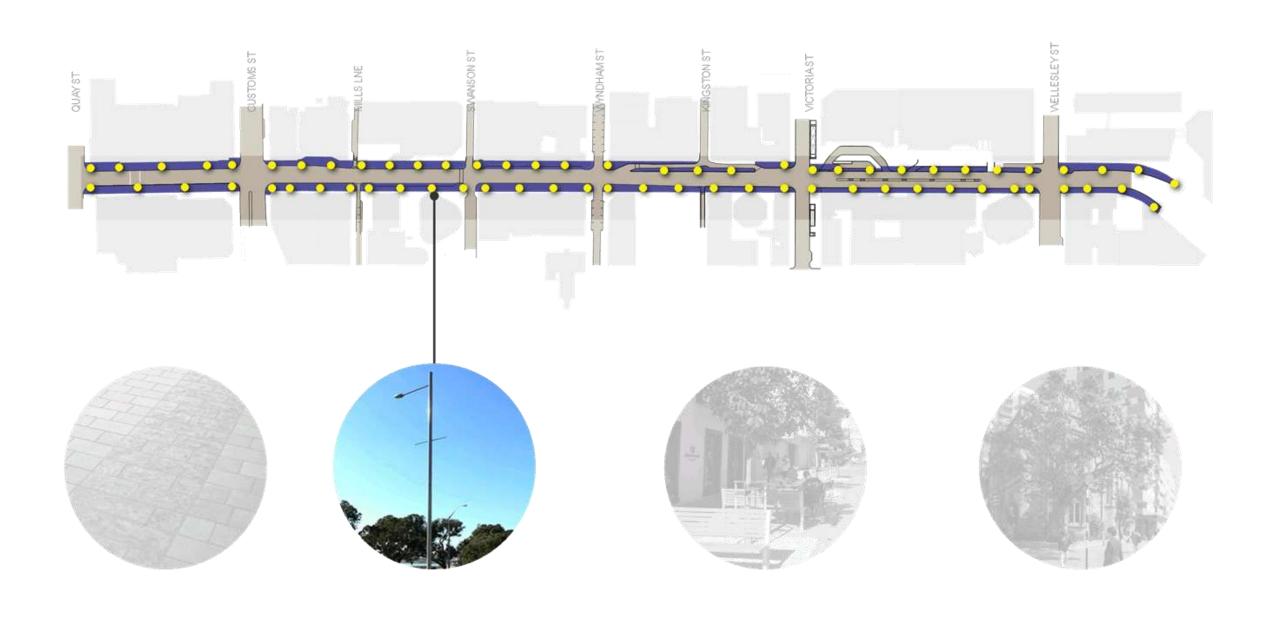
- Has undergone a rigorous evaluation by bus operations and meets their requirements
- The alignment of the kerbs are parallel to the building facades where achievable to create a unified cross sectional design response.
- · Kerb radii are kept to a minimum to prioritise pedestrian movements at intersections

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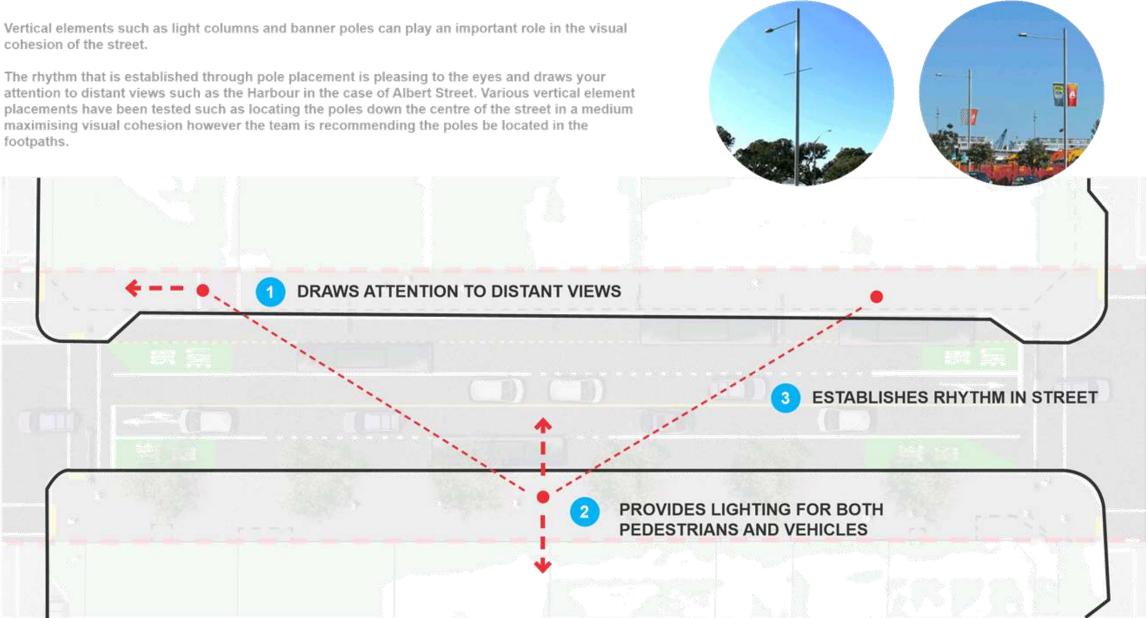
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VERTICAL ELEMENTS

Vertical elements such as light columns and banner poles can play an important role in the visual





The reason includes;

- The corridor is reasonably narrow and placing poles in the centre bifurcates your spatial perception.
- · Poles to the edges provide a visual transition between the adjacent buildings and street improving the human scale.
- · Lighting can be directed towards both the street and footpath areas from a single location. Poles in a medium would require additional pole lighting for footpaths.
- · Poles in the footpaths can work in tandem with street trees strengthening the vertical rhythm to the street edge.

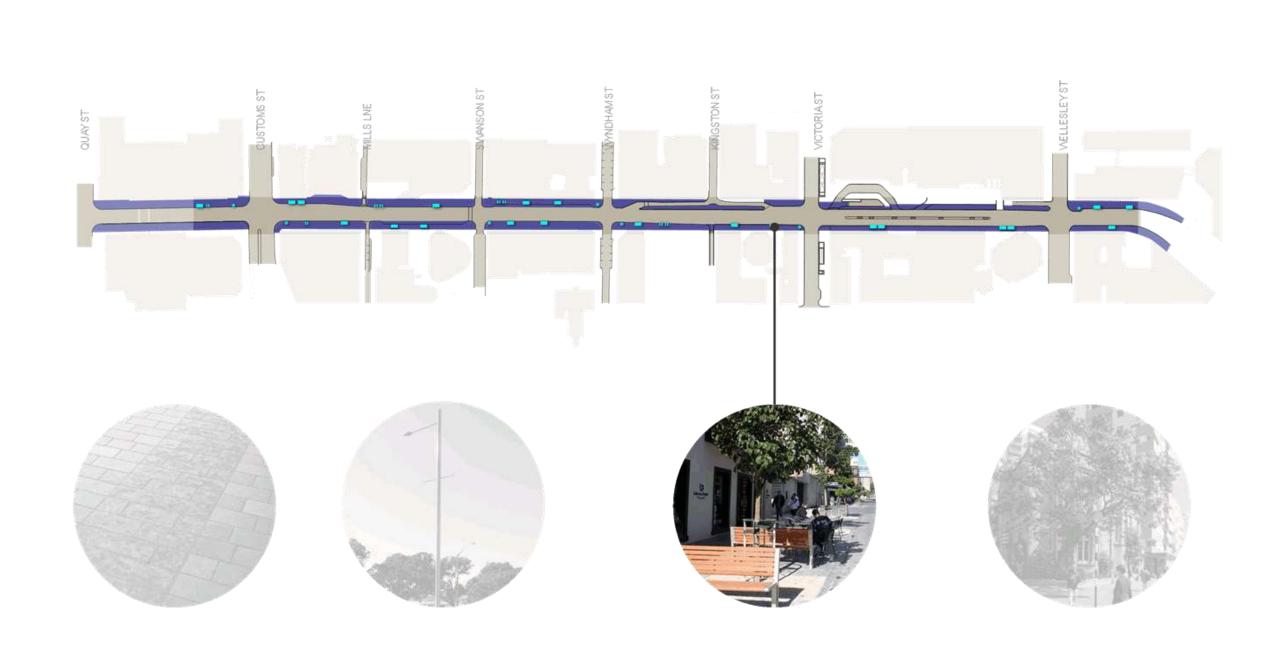
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DESIGN STRATEGY

FURNITURE



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EDGE ACTIVATION

The type and mix of development along the edge of the corridor has a major impact on the vitality of the street.

Given Albert Street has a number of large civic buildings and commercial developments along its edges there is a somewhat sporadic edge activation limited to the pockets of smaller character buildings. These typically house retail and food and beverage offerings.



This project has little control over this however the project can act as a catalyst for investment in new mixed use development in underutilised areas of the corridor.

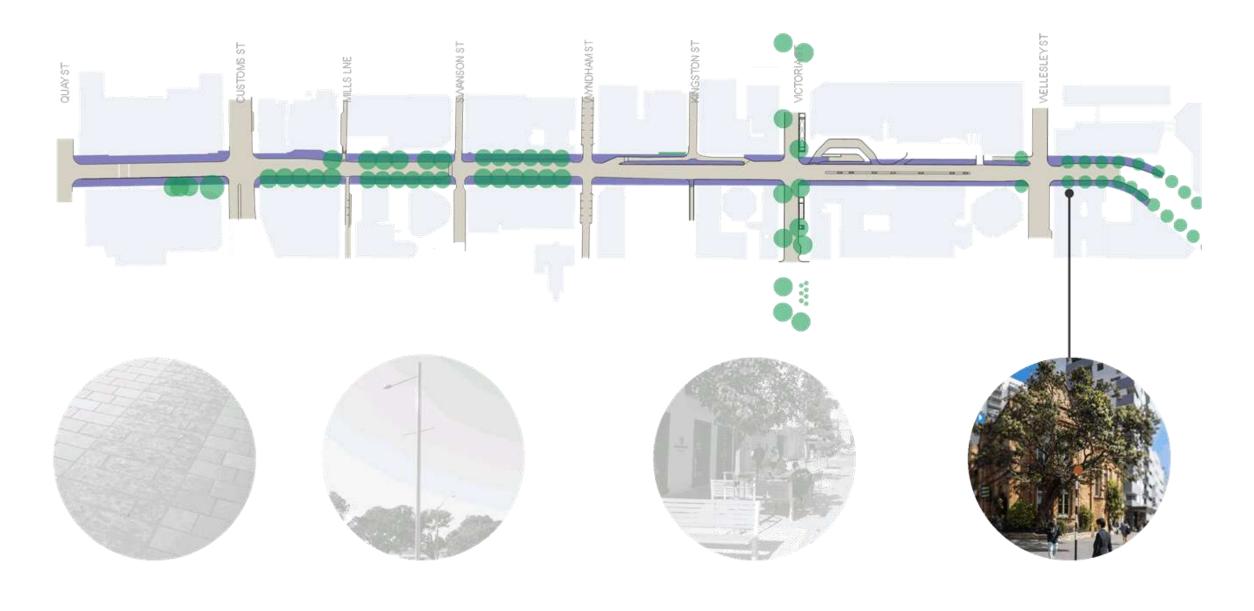
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TREES



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RECOMMENDATIONS SUMMARY



Stone pavement to all footpath areas

Smart poles for street and intersection lighting



Mature tree specimens

CBD furniture suite

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ALBERT ST QUAY TO CUSTOMS CUSTOMS ST SWANSON ST MILLS LNE QUAY ST Ē 6 [-**(m) () 1000 6 mil) -(1) L (III) 100 0 10 8 WYNDHAM ST KINGSTON ST VICTORIA ST

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GENERAL ARRANGEMENT NORTHERN SLOPES

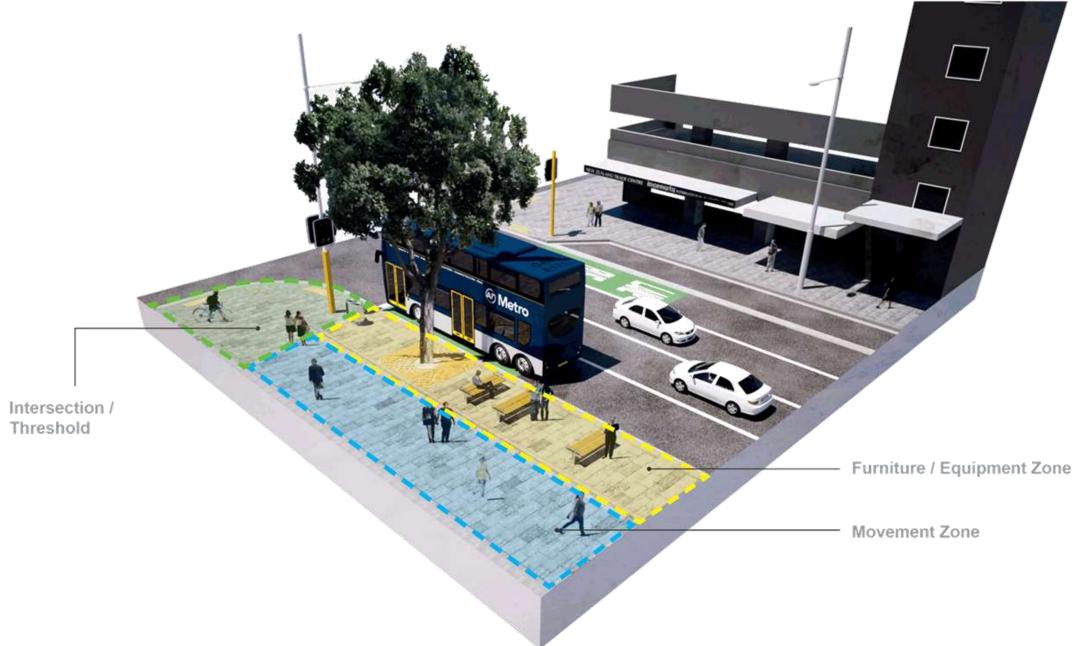


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GENERAL ARRANGEMENT NORTHERN SLOPES



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NORTHERN SLOPES OUTSIDE THE STAMFORD PLAZA



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GENERAL ARRANGEMENT HERITAGE WALL

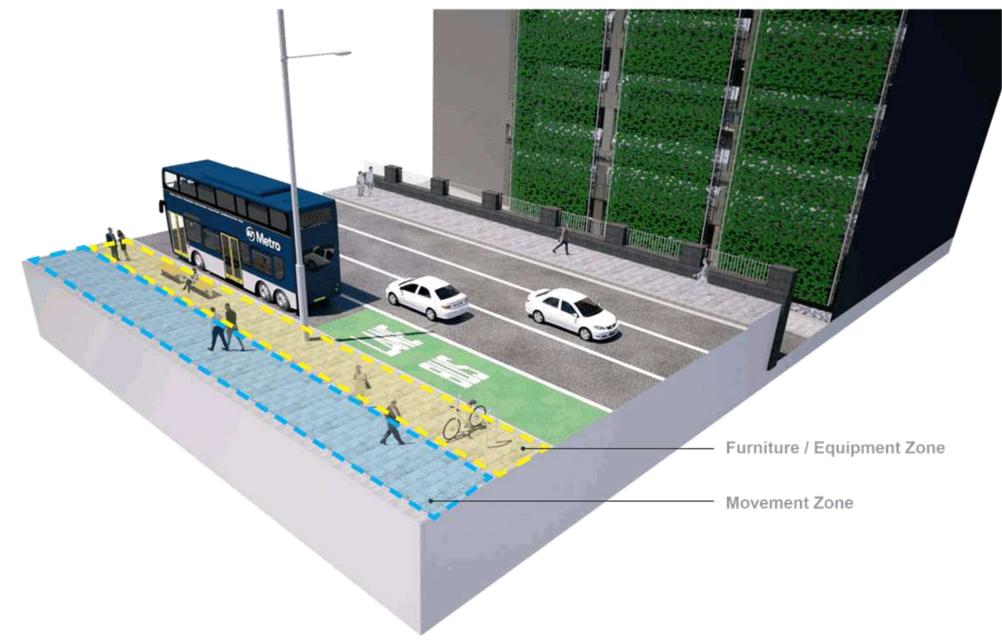


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GENERAL ARRANGEMENT HERITAGE WALL



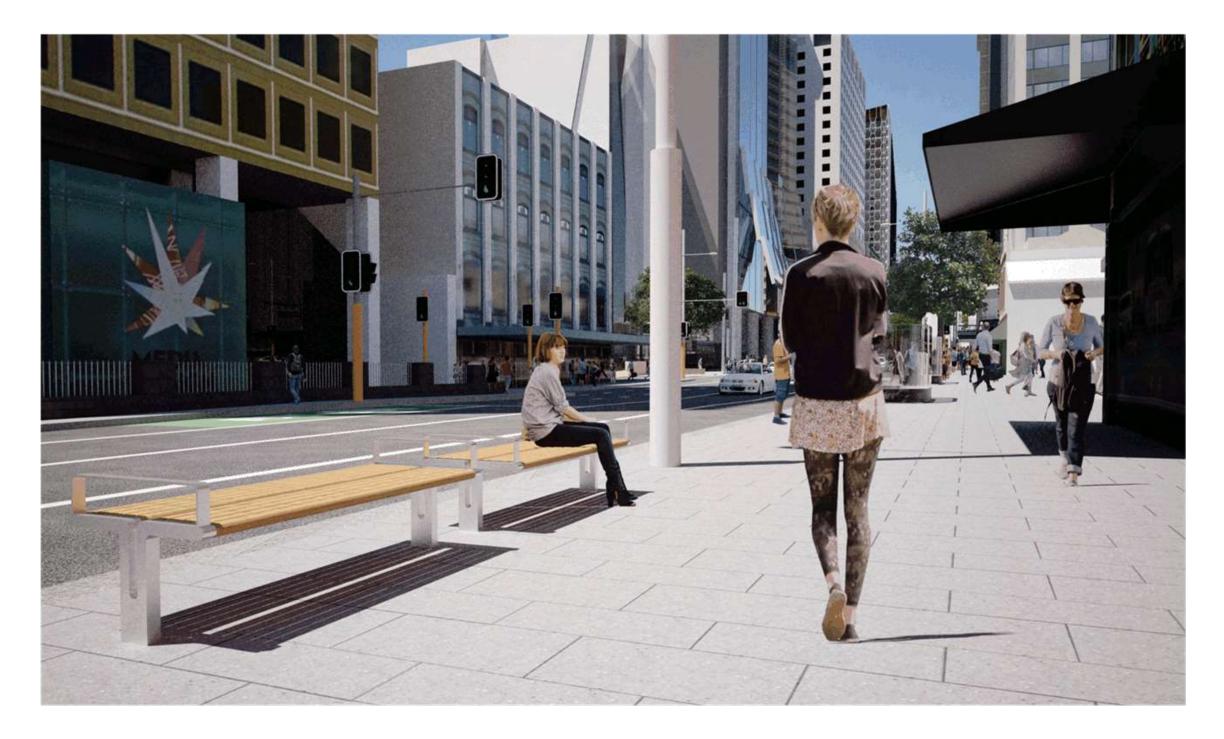
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HERITAGE WALL

OUTSIDE THE MEDIA DESIGN SCHOOL



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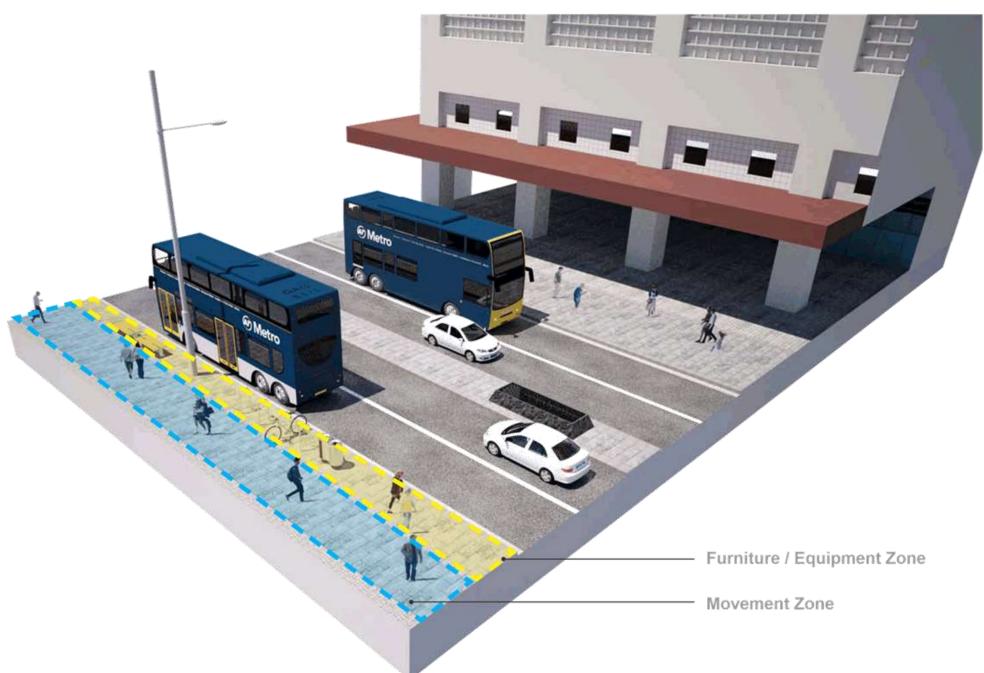
GENERAL ARRANGEMENT MIDTOWN



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MIDTOWN VICTORIA ST INTERSECTION



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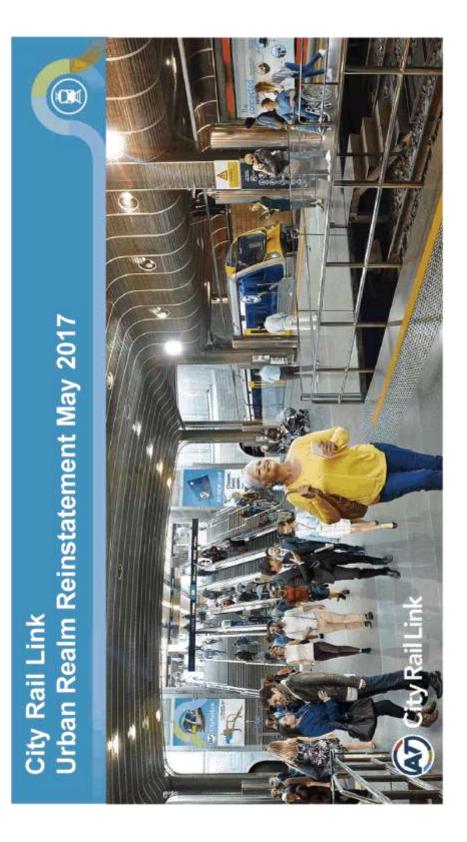


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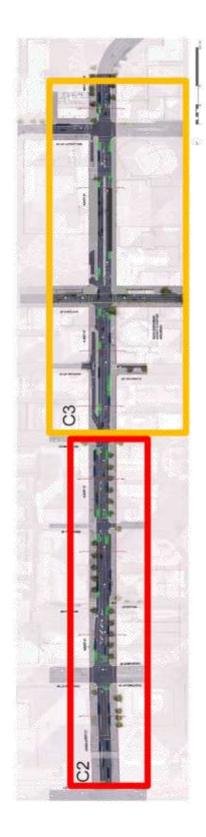
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Albert Street Concept Design May 2017



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C2 Estimate \$figures May 24th 2017	4th 20	17			0
A BASE OPTION					
A1 CONTRACT 2 - BASE OPTION					
A1A Zone 1: Albert Street (Customs Street to Wyndham Street)	treet)	8,411	577	4,850,000	
A1B Zone 2: Albert Street (Quay to Customs Street)		3,962	1,297	5,140,000	
A1 - CONTRACT 2 - BASE OPTION 12,373	SE OPTION	12,373	\$807	\$9,990,000	
A2 ASSOCIATED UTILITIES DIVERSION WORK (PROVISIONAL SUM)	NAL SUM)			1,600,000	
A3 P&G/MARGIN/FEES/CONTINGENCY & MSQA (INCLUDES RISK)	S RISK)			10,975,000	

\$1,824 \$22,565,000 12,373 A - BASE OPTION

Only within Albert Street/CRL designation Std footpath- BOAC concrete Some trees and tree pits Standard street lighting Concrete kerbs





6 Concept Phase 2 future proofed area C2B1A







Attachment B

City Rail Link





Attachment B

City Rail Link







CKL	CRL CCAB
Concrete kerbs	 Stone kerbs
Std footpath- BOAC	 Stone paving to footpath
concrete	 Future proofed bus bay
Some trees and tree pits	removal replaced with
Only within Albert Street/CRL designation	tree plantings and footpath
Standard street lighting	 Lighting enhancements
	 Some work outside
	designation

Minute Attachments

Attachment B





24 May 2017

C2 Estimate May 24th 2017 Option 1

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B1 Contract 2 Extra Value for enhanced option 1		
R1A Zone 1: Alhert Street (Customs Street to Wundham Street)	\$3.150.000	
הדע דמוב די שמפור מגובר (המזמווים מרבר מי אלוומושוו מרבר)		
B1B Zone 2: Albert Street (Quay to Customs Street)	\$1,950,000	
B1C Additional scope of works areas		
B1C1 Mills Lane	\$ 520,000*	
B1C2 Wolfe Street	\$ 100,000*	
B1C3 Swanson Street	\$ 100,000*	
B1C4 Wyndham Street	\$ 610,000*	
B1 Contract 2 Extra Value for enhanced option 1	<u>\$ 6,430,000*</u>	
B2 associated utilises diversion work (provisional sum)	\$ 970,000	
B3 Extra design work and resource consenting	Excl.	
Extra Value for Enhanced option	\$7,400,000* 25% total	_
Estimated C2 net cost	\$29,965,000*	



🕥 City Rail Link

 Concrete kerbs 	 Stone kerbs
 Std footpath- BOAC 	 Stone paving to footpath
concrete	 No future proofed bus
 Some trees and tree pits 	bay removal replaced
 Only within Albert Street/CRL designation 	with tree plantings and footpath
 Standard street lighting 	 Lighting enhancements
	 Some work outside
	designation



Item 9



											21% total	
	\$2,530,000*	\$1,950,000		\$ 520,000*	\$ 100,000*	\$ 100,000*	\$ 610,000*	<u>\$ 5,810,000*</u>	\$ 300,000*	Excl.	\$6,110,000*	\$28,675,000*
B1 Contract 2 Extra Value for enhanced option 1A	B1A Zone 1: Albert Street (Customs Street to Wyndham Street)	B1B Zone 2: Albert Street (Quay to Customs Street)	B1C Additional scope of works areas	B1C1 Mills Lane	B1C2 Wolfe Street	B1C3 Swanson Street	B1C4 Wyndham Street	B1 Contract 2 Extra Value for enhanced option 1	B2 associated utilises diversion work (provisional sum)	B3 Extra design work and resource consenting	Extra Value for Enhanced option	Estimated C2 net cost

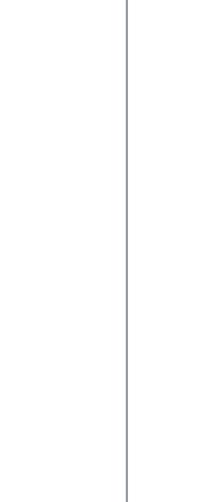
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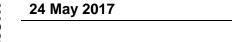
\$32,860,000	\$1,820	18,052	Concrete kerbs
18,630,000			A3 P&G/MARGIN/FEES/CONTINGENCY & MSQA (INCLUDES RISK)
2,500,000			A2 ASSOCIATED UTILITIES DIVERSION WORK (PROVISIONAL SUM)
\$650 \$11,730,000	\$650	18,052	A1 - CONTRACT 3 - BASE OPTION 18,052
2,430,000	833	2,917	A1C Mayoral Drive
5,150,000	611	8,433	A1B Victoria Street to Wellesley Street
4,150,000	619	6,702	A1A Wyndham Street to Victoria Street

Only within Albert Street/CRL designation Std footpath- BOAC concrete Standard street lighting Replace Harvey Tree





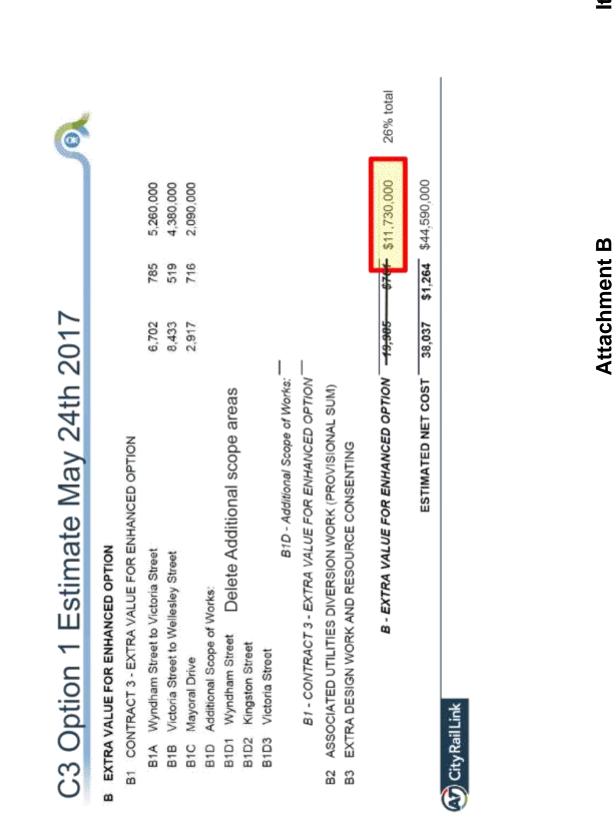


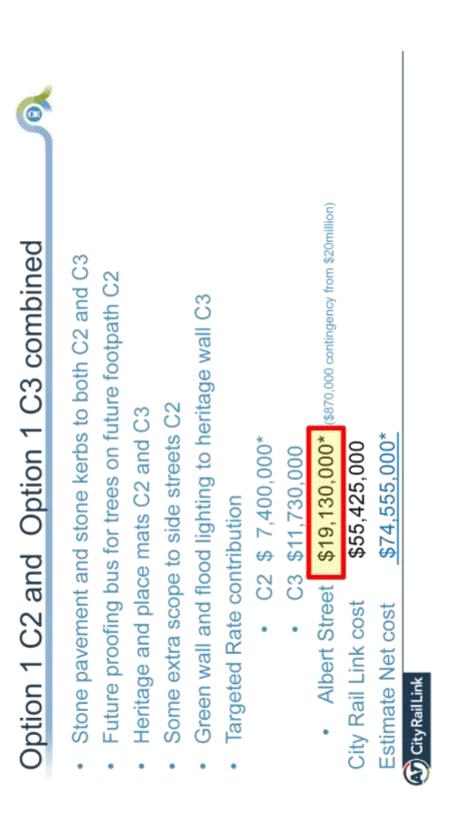


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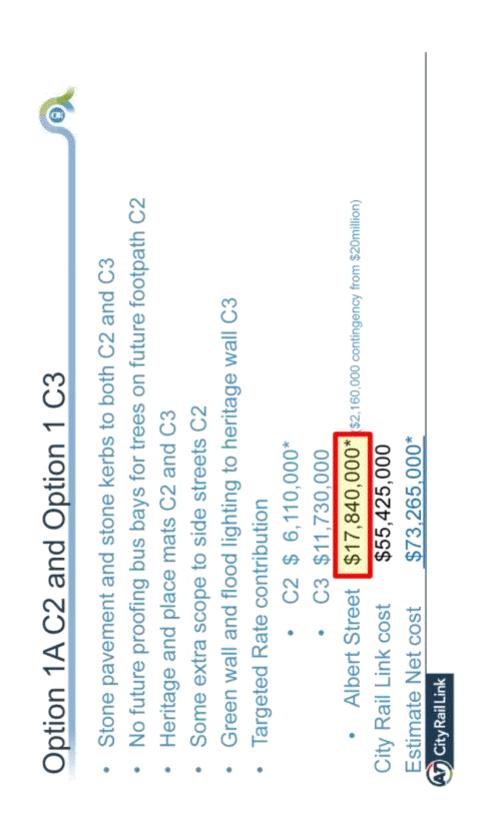




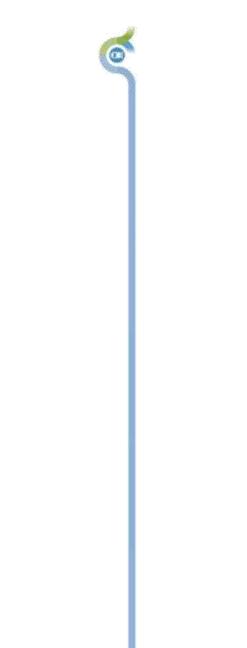








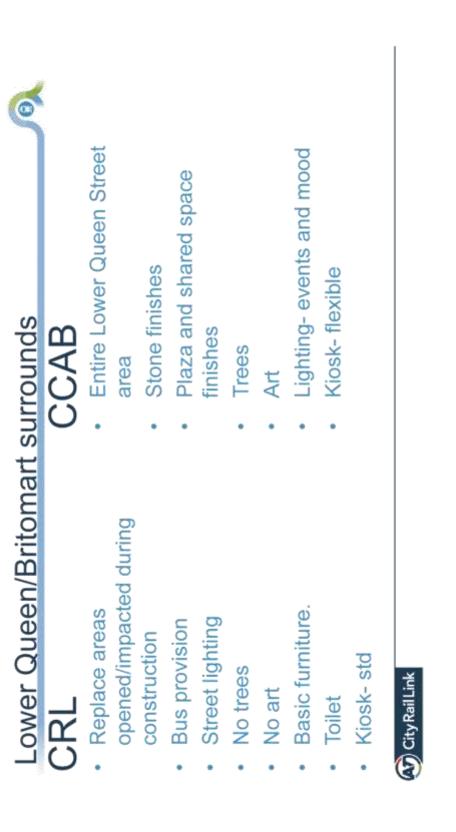




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Attachment B





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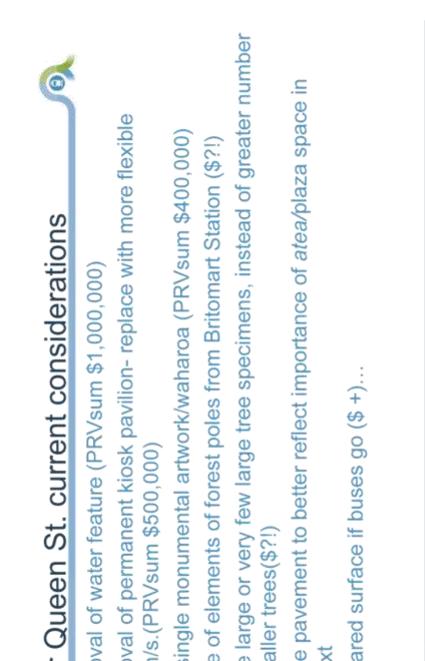


61	CRL Provisional	CRL revised estimate August 2016	Difference/Delta	
E8 Lower Queen Street	\$3,800,000	\$13,700,000	\$9,900,000	
E9 Tyler and Galway Streets	\$4,900,000	\$8,500,000	\$3,600,000	
E10 Area behind CPO	\$4,900,000	\$5,750,000	\$850,000	
sub-total	\$13,600,000	\$27,950,000	\$14,350,000	
Potential nominated CC Targeted contribution			\$10,000,000	35% of total
make up funding outstanding (need for design to be revisited to fit available funds)			\$4,350,000	





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- Removal of water feature (PRVsum \$1,000,000)
- Removal of permanent kiosk pavilion- replace with more flexible option/s.(PRVsum \$500,000)
- One single monumental artwork/waharoa (PRVsum \$400,000)
- Reuse of elements of forest poles from Britomart Station (\$?!)
- Single large or very few large tree specimens, instead of greater number of smaller trees(\$?!)
- Simple pavement to better reflect importance of atea/plaza space in context
- All shared surface if buses go (\$ +)... .



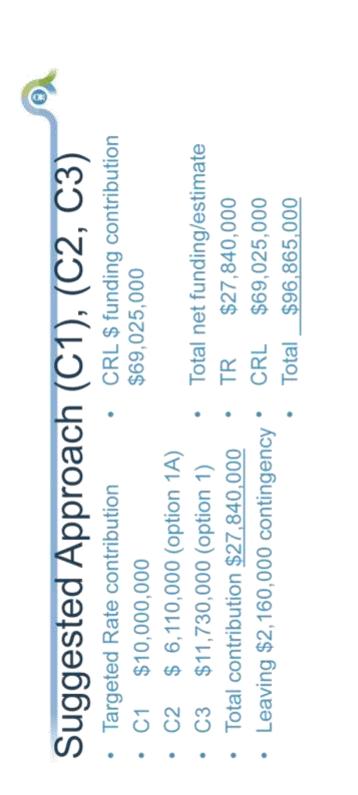
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24 May 2017

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) City Rail Link



