



ENZ Traffic Signals NZ User Group Conference March 2021

Question... What is this?

- Worlds first traffic signal, the Semaphore

Where?

- Westminster, London

When?

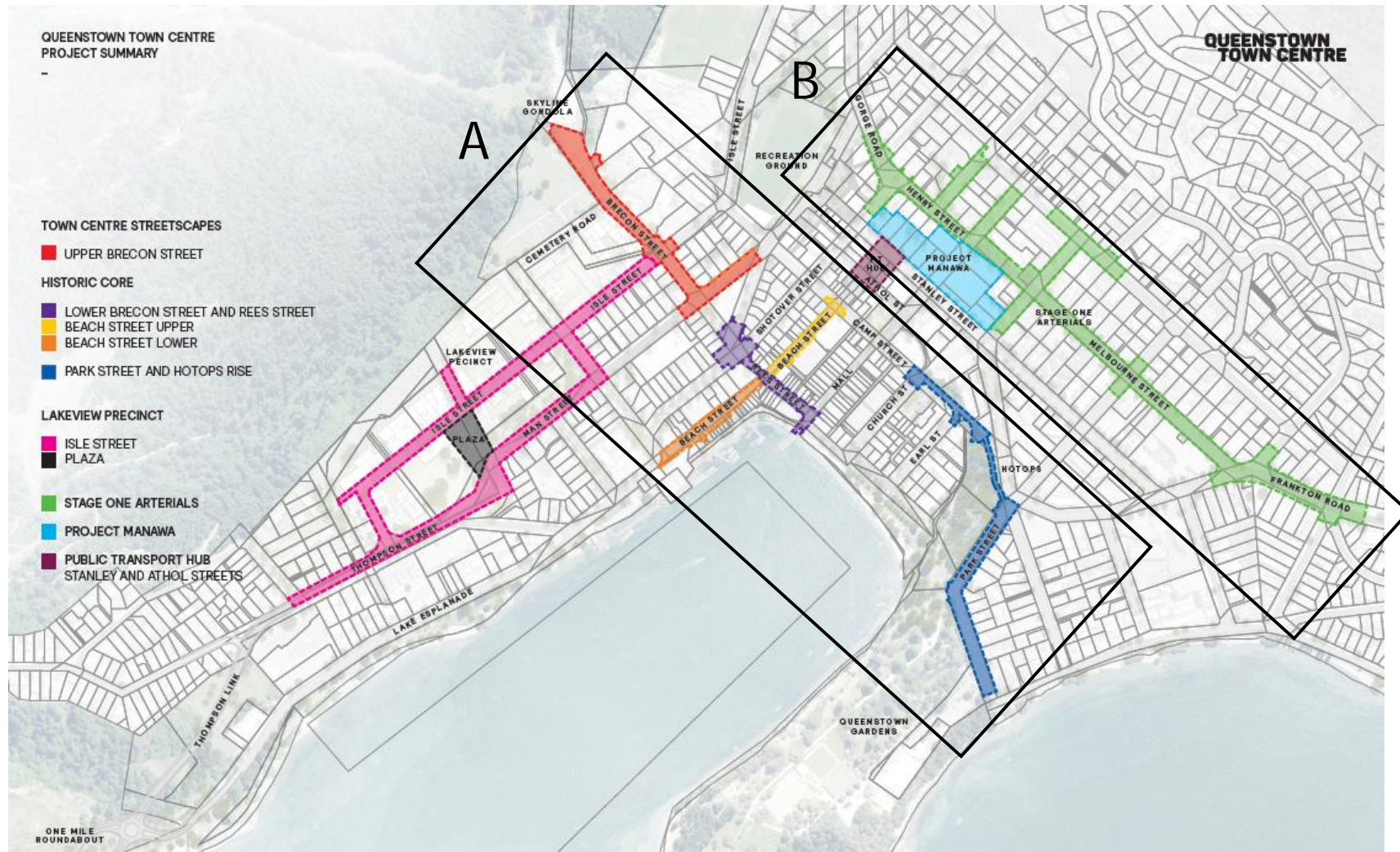
- 9 December 1868



The Queenstown Context ...

- ❑ Queenstown is facing incredibly challenging times
- ❑ This has been recognized and funding provided that has resulted in a larger than usual programme of transport projects from both Waka Kotahi and QLDC to be delivered over the next 3-4 years
 - ❖ QLDC Shovel Ready projects - funding via Crown Infrastructure Partners
 - QTC Street Upgrades: \$35M (CIP) + \$25M (QLDC)
 - Arterial Stage 1: \$50M (CIP) + \$15M (QLDC)
 - ❖ Waka Kotahi
 - NZ Upgrade Programme: \$90M (Crown funding)
 - WATN Stage 1: \$14M (NLTF funding)

Street Upgrades (A) and Arterials Projects (B)



CIP Projects: QTC Street Upgrades

Street Upgrades

- ❑ Detailed Design complete and Resource Consents approved
- ❑ Enabling Works (SW upgrade in Lower Beach St) – commenced 7 September to meet first CIP funding milestone
- ❑ Main Contract Works – commenced 18 January 2021 to meet second CIP funding milestone
- ❑ Engagement with stakeholders & businesses
 - ❖ undertaken in July 2020 to inform the Development Response Plan
 - ❖ Undertaken in December to inform affected parties prior to Christmas trading and commencement in January 2021
- ❑ CIP programme milestones to be revised due to interface with other projects

CIP Projects: QTC Arterial Stage 1

Arterial Stage 1

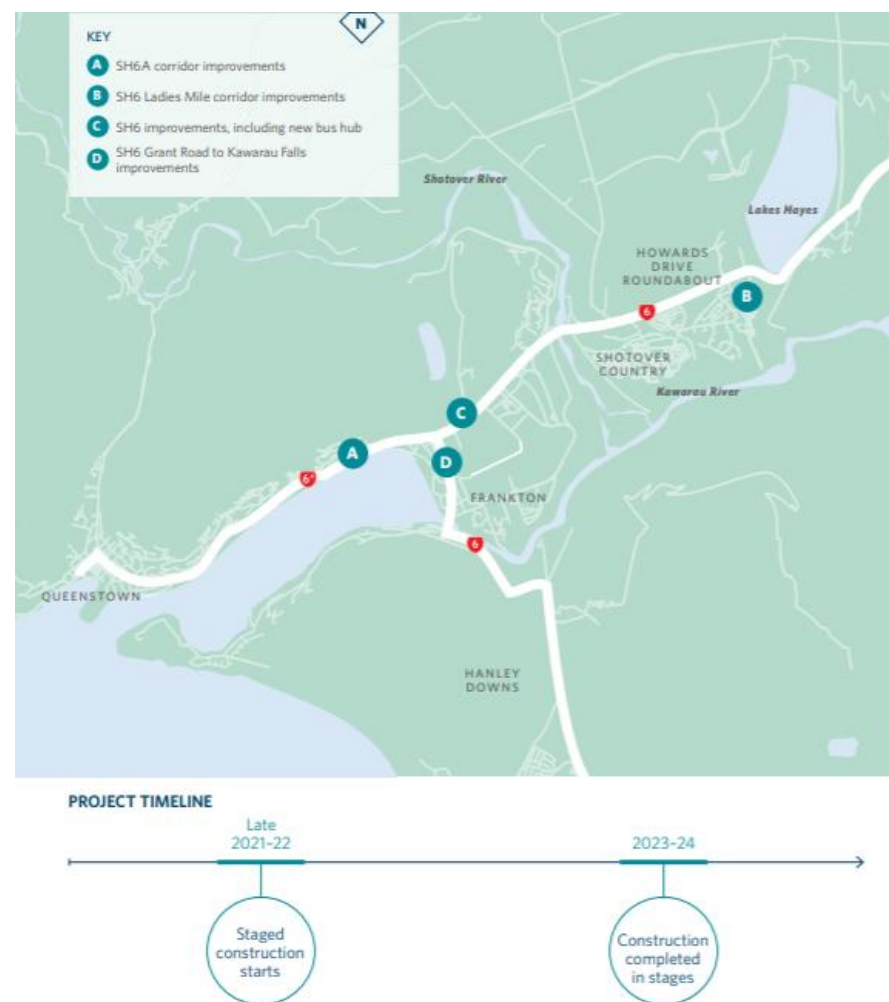
- ☐ Preliminary design provided through the QTC detailed business case
- ☐ Site investigations completed to inform detailed design
- ☐ Fast-track consenting and designation application in progress
- ☐ Detailed design commenced with 30% due March 2021
- ☐ Land acquisition discussions in progress
- ☐ CIP funding milestone for Commencement of Construction 01 July 2021

Queenstown Arterial Consenting

- ❑ Designation of the full Queenstown Town Centre Arterial is a named project on the *Covid-19 Recovery (Fast-Track Consenting) Act 2020* legislation and a prerequisite to the Stage 1 CIP project.
- ❑ A highly skilled project team was rapidly assembled and worked within a very condensed timeframe to prepare a Notice of Requirement (NOR) which was lodged in early December 2021.
- ❑ Consents are required from QLDC and ORC – liaison is already under way.
- ❑ A decision is expected before the end of April 2021.

NZUP

- ❑ Projects currently going through final business case approvals process
- ❑ Pre-implementation being progressed with priority on property
- ❑ Consenting still to be done
- ❑ Key aspects include:
 - ❖ Interface with rest of programme
 - ❖ Traffic management
 - Key Hubs: Airport & Frankton
 - ❖ Property interface



WATN

Stage 1 (Waka Kotahi)

- ☐ Funding approved for Design & Construction
- ☐ Detailed design in progress

Stage 2 (QLDC)

- ☐ Funding approved for Design only
- ☐ Detailed design in progress



The Opportunity

- ❑ How to deliver Waka Kotahi and QLDC's \$200m plus projects – recognising:
 - ❖ High level of integration between these projects
 - ❖ Fragile environment, physical, commercial and social
- ❑ Joint NZTA / QLDC Team assessed three Procurement / Delivery Models:
 - ❖ Traditional (M&V, or D&B)
 - ❖ Tweaking QLDC's 3 Waters Panel
 - ❖ Alliance



Whakatipu Transport Programme Alliance

is being formed

Why an Alliance for Queenstown

- ❑ Alliance scored most favorably on:
 - ❖ Co-ordination
 - ❖ Flexibility
 - ❖ Scale
 - ❖ Overlapping Projects, i.e. Programme
 - ❖ Broader Outcomes
 - Supporting CIP Agreement
 - Upskilling & Reskilling
- ❑ An Alliance provides a contractually unencumbered contract to deliver a programme of work that allows for all of the above points.
- ❑ Opportunity to deliver the programme together was too strong to ignore

Procurement of the WTP Alliance

- ❑ 20 August: Agreement between QLDC/WK to prepare joint procurement strategy for the Alliance.
- ❑ 20 November: Preferred consortium of Beca, Downer, Fulton Hogan, and WSP confirmed to enter into commercial negotiations
- ❑ 26 November: Commercial negotiations completed
- ❑ 23 December: Sign Interim Programme Alliance Agreement (IPAA) to cover early engagement and enabling works
- ❑ 18 January 2021: Programme Alliance Agreement (PAA) and we're off!

Scope of the WTP Alliance

- ❑ In scope: Detailed Design & Construction
- ❑ Out of scope: Property acquisition, Consenting

- ❑ The Core Projects
 - ❖ QTC Street Upgrades – construction only
 - ❖ QTC Arterial Stage 1 – detailed design and construction
 - ❖ NZUP – detailed design and construction
 - ❖ WATN Stage 1 – construction only

- ❑ Potential for follow on projects
 - ❖ WATN Stages 2 & 3
 - ❖ QTC Arterial Stage 2
 - ❖ Lakeview

Rees Street + Lower Brecon Street



Alliance Vision & Objectives

- ❑ Alliance seen as best model to deliver the outcomes sought
- ❑ The Vision of the Alliance is: “To deliver infrastructure that ultimately enables an increase in the safety, accessibility, and public transport usage particularly in terms of active modes of travel for the benefit of the community and its visitors.”
- ❑ In achieving this Vision, Waka Kotahi and the QLDC have the following programme objectives:
 - ❖ Delivery
 - coordinated and integrated to minimise disruption
 - achieve improved overall delivery efficiencies
 - agile and flexible team that can find innovative solutions to the unique challenges presented in the current environment
 - increase construction sector productivity including industry and skills – Broader Outcomes

Lower Beach Street



Alliance Objectives cont.

❖ Economic Stimulus

- to help businesses survive and thrive during the delivery phase
- to use local sub-contractors & tap into innovation
- to support economic development through the creation of opportunities in the local job market



Alliance Objectives cont

❖ Community & Place

- deliver the programme in a way that results in the Alliance becoming a valued and respected member of the community
- enable sustainable growth whilst enhancing a sense of place



Challenges & Opportunities

- ❖ Partnership with Iwi
- ❖ Wider Whakatipu traffic management strategy - WTOG
- ❖ Local retail – helping them survive and thrive by being flexible at key periods through out the year
- ❖ Communication with the community
- ❖ Resourcing – looking into the future, creating opportunity
- ❖ Making the most of the quiet period, get in and get out. Being surgical with our operations
- ❖ Lumpy programme, work with Waka Kotahi and QLDC to smooth the programme of work and create consistency
- ❖ Fast moving. Signed the agreement on 23rd December, team establishment on 18th January, started work on construction and design immediately!
- ❖ Bringing a large team together quickly and successfully. It's like setting up a new business to turn over tens of millions of dollars per annum in a few months.

Park Street

QUESTIONS

