

Minutes of a Infrastructure Committee Workshop

Thursday, 28 November 2024 at 11.35am
Armstrong Room, Wānaka Centre, Wānaka

Present:	Councillor Gavin Bartlett (Chair)	Councillor Lyal Cocks (online)
	Councillor Cody Tucker	Councillor Niki Gladding
	Councillor Craig Ferguson	Councillor Quintin Smith
Apologies:	None	
In attendance:	Sophie Mander	Councillor Guy
	Robyn Steele	Tony Avery
	Brent Pierce	Neesha
	Sam Metcalfe	Jesse Taylor
	Nisha Dahal	Simon Leary
	Jon Winterbottom	
	No members of the public	No media

No.	Agenda Item	Actions
1.	<p><u>Code of Practice Update</u></p> <p>Sam Metcalfe, Nisha Dahal and Simon Leary presented the item. Mr Metcalfe spoke to a PowerPoint presentation (see attached for details).</p> <p>Mr Metcalfe, Ms Dahal and Mr Leary responded to questions.</p> <p>There were questions and discussion on topics including risks of flooding and mitigation required under the Code of Practice and how submitters would be contacted.</p> <p>Officers clarified that submitters were contacted by phone or email to thank them for their submissions and ask follow-up questions.</p> <p>Attachments: (see attached) Attachment A: PowerPoint Presentation</p>	

No.	Agenda Item	Actions
2.	<p><u>Property & Infrastructure Update</u></p> <p>Simon Leary presented the item. Mr Leary distributed a handout to elected members and spoke to a PowerPoint presentation (see attached for details).</p> <p>Officers clarified that they were seeking feedback on the content and presentation of the updates to help craft more useful updates moving forward.</p> <p>It was suggested that the Upper Clutha Conveyance Scheme is the largest project the Upper Clutha had seen.</p> <p>Attachments: (see attached) Attachment A: PowerPoint Presentation Attachment B: A3 Handout</p>	

The workshop concluded at 1.05pm

QLDC Code of Practice Updates – Stage 3

Progress Update

Objectives of the Workshop

- Provide a progress update
- Summary of the consultation process
- Provide some examples of the submissions
- Provide new timeline for acceptance/adoption

Background

- **Stage 1** – minor amendments. *Complete*
 - **Stage 2** – amendments without cost implication. *Complete*
 - **Stage 3** – Significant amendments carried over from Stages 1 and 2, and amendments that require external expert advice. *In process*
-
- Consultation on the proposed changes ran for 8 weeks from 12th of August to the 6th of October.
 - Approximately 240 submissions were made from a total of 28 individual and company submissions.
 - To allow adequate consideration of the submissions more time is needed.
 - Originally planned to seek endorsement from Infrastructure Committee **28th November (today)** and take to Full Council Meeting for adoption **6th December 2024**.
 - Revised timeline; seek endorsement from Infrastructure Committee **13th of March** and take to Full Council Meeting for adoption **17th of April 2025**.

Suitably Qualified and Experienced Practitioner (SQEP)

Issue

- 2020 COP limits complex pavement and stormwater engineering designs to Chartered Professional Engineer with these practice areas
- Feedback to include Survey and Spatial NZ Land Development Engineering practice area certificate to this criteria
- 2024 Draft Consultation COP includes the Survey and Spatial NZ qualification to this

Feedback

- Internal and external feedback that the Survey and Spatial qualification may not be sufficient for these complex works and adds level of risk
- Engineering NZ have expressed concern about this too
- Previously feedback that limited CPEng in the area and QLDC would be limiting surveyors in area with expertise and lots of local experience

Process

- Look further into Survey and Spatial certificate competencies and assess suitability
- Correspondence with Survey and Spatial and Engineering NZ
- Further background into any other TA's process in accepting this
- Confirm approach and alter wording

b. Road Pavement Design for pavements designed for a medium load or above (5×10^5 to 5×10^6 ESA / ONRC Primary Collector or above) - Suitably Qualified and Experienced Person is required to sign off design and that person shall be either a CPEng with a practice area in Pavement Design or hold a Survey and Spatial New Zealand Annual Practising Certificate in the discipline of Land Development Engineering;

Overland Flow Blockages

Issue

- Primary networks designed to 20yr ARI + CC. For the secondary systems 100yr ARI + CC is used as design criteria
- 2020 COP refers to complete blockages of culverts and other critical structures in primary system – what is critical determined by council
- Have tried to remove ambiguity and have clear guidelines for blockage, in line with Auckland COP. Clear for designers and reviewers

Feedback

- External feedback that blockage factors are too high and not realistic
- Queries on about if depth and velocity hazard requirements still apply for blockage scenarios
- Internal feedback that having some clarity/standards is useful

Process

- Looking to leave as is for default, can and look further for site specific
- Useful further guidelines from Australian Rainfall and Runoff Blockage of Hydraulic Structures with methodology for calculating blockage factors we can use if required

The secondary system shall apply the following assumptions for primary piped network based on pipe size (d – diameter):

- $d \leq \text{DN}600$, 100% blocked
- $\text{DN}600 < d \leq \text{DN}1050$, 50% capacity reduction
- $d > \text{DN}1050$, 10% capacity reduction

The secondary system design shall apply the following assumptions to culverts based on culvert size (d - diameter or smaller side if rectangle):

- $d < \text{DN}1500$, 100% blocked
- $d \geq \text{DN}1500$, 50% blocked, unless demonstrated by specific design to Council approval that a lower blockage factor can be applied

QLDC Rainfall Design Storm

Issue

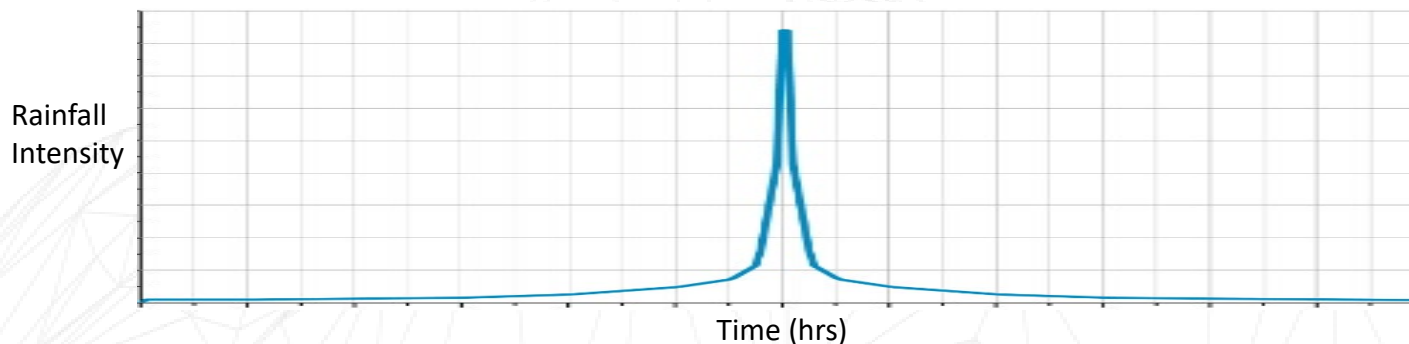
- QLDC refer to requiring a 24-hr nested design storm for modelling but minimal detail on this
- Often a design storm from Auckland is used (TP108) as a default however different climate and rainfall environment
- Can be a lack of consistency in modelling approaches

Feedback

- Rainfall profiles/design storms have been requested from various consultants
- Example calculations have been requested
- Feedback nested storms aren't necessarily required anymore as computing power increases

Process

- Some work has been done already with BECA for internal design storms for catchment modelling
- Looking at continuing with this, creating a QLDC storm profile and methodology consistent with finalised 2024 COP with example calculations
- Potentially timing and QA may not make this practical to release with this COP, and may be better as advice note



Other Submission Examples

- Soakage testing criteria and rates
- Climate change factors
- Manhole sizing with 3 inlets
- Freeboard requirements
- Ground improvement methodology
- Building Code vs Engineering Approval
- Roading deflection limits
- Rubbish truck size

And more..

Next Steps and Conclusion

- Finalise dates
- Communication with submitters
- Updates to *“Let’s Talk”*
- Possible future advice notes
- Roding focus on next set of COP changes

Questions?

Property & Infrastructure Activity Update

Infrastructure Committee Workshop

28 November 2024

TODAY WE WILL...

1. PROVIDE YOU WITH AN UPDATE

- Projects underway/starting soon
- Recently completed projects
- Other workstreams of interest
- Significant projects in the pipeline

2. DIVE DEEPER ON A FEW PROJECTS

- Upper Clutha Wastewater Conveyance Scheme
- Project Shotover Upgrade
- Kingston 3W Schemes

3. GATHER YOUR FEEDBACK

- What did you like about today's update?
- What wasn't so good?
- How can we improve our next update to you?

**REFER A3
HANDOUT**

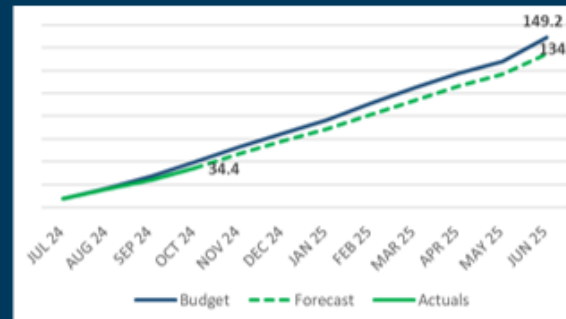
INFRASTRUCTURE COMMITTEE | Property & Infrastructure Activity Update (Nov '24)

The Property & Infrastructure directorate is advancing a range of planning, behaviour change, and physical works initiatives of interest to the Infrastructure Committee. Key initiatives are outlined in these A3 summaries. Format and content will be refined in response to Committee feedback.

Three summaries have been prepared:

- District-wide (this page)
- Whakatipu
- Upper Clutha (information also provided to the WUCCB)

The directorate's year-to-date capital expenditure performance is included to the right. YTD spend (at Oct) is \$34.4M (86% of forecast). Forecast FY25 spend is \$134.5M vs the approved adjusted budget (incl. carry forwards) of \$149.2M.



P&I CAPEX 2024/25
ACTUALS vs BUDGET
(as at Oct 2024)

ALL OF DISTRICT

RECENTLY COMPLETED

- Healthy Homes Upgrades
- Campground Compliance
- Building Management System

LOOKING AHEAD (FY28 & BEYOND)

- Emergency Operations Centre (FY29)
- Jetty Refurbs & Replacements (FY28-33)
- Strategic Land Acquisition (FY32-34)
- Campground Upgrades (FY32-34)
- Solar energy conversion – QLDC facilities (FY32)
- Product Stewardship – Waste Minimisation (FY32-34)
- Biosolids Disposal (FY30-34)

OTHER ACTIVITIES OF NOTE

- Water Services Delivery Plan
- Asset Management Planning
- Infrastructure Resilience Strategy

WORK UNDERWAY OR STARTING SOON (FY25-27)

PROPERTY

- **EV Charging Stations for QLDC Fleet (FY25-27)** – additional charging infrastructure to be installed at QEC site early 2025, with further sites to be prioritised and procured through to mid 2027.
- **Seismic Strengthening & Minor Improvements (FY27)** – project to assess status of QLDC buildings and corresponding minor improvements as identified/required, on hold pending initiation prior to forecast expenditure in FY27.

TRANSPORT

- **Crown Range Resilience (FY25-26)** – project to respond to slope instability on the route being scoped. 76% FAR from NZTA for this project.
- **Transport Model Build (FY25-26)** – specification being developed, target to-market timeframe of Apr 2025.
- **Travel Demand Management** – policy review underway and due for completion Dec 2025, next project in scoping (wayfinding). Lightfoot Initiative will deliver a range of TDM outcomes such as workplace and school travel planning, activation events, and an electric bike library.
- **Parking Management Plans** – Strategy and Guidelines to be presented for endorsement at the March Infrastructure Committee meeting.

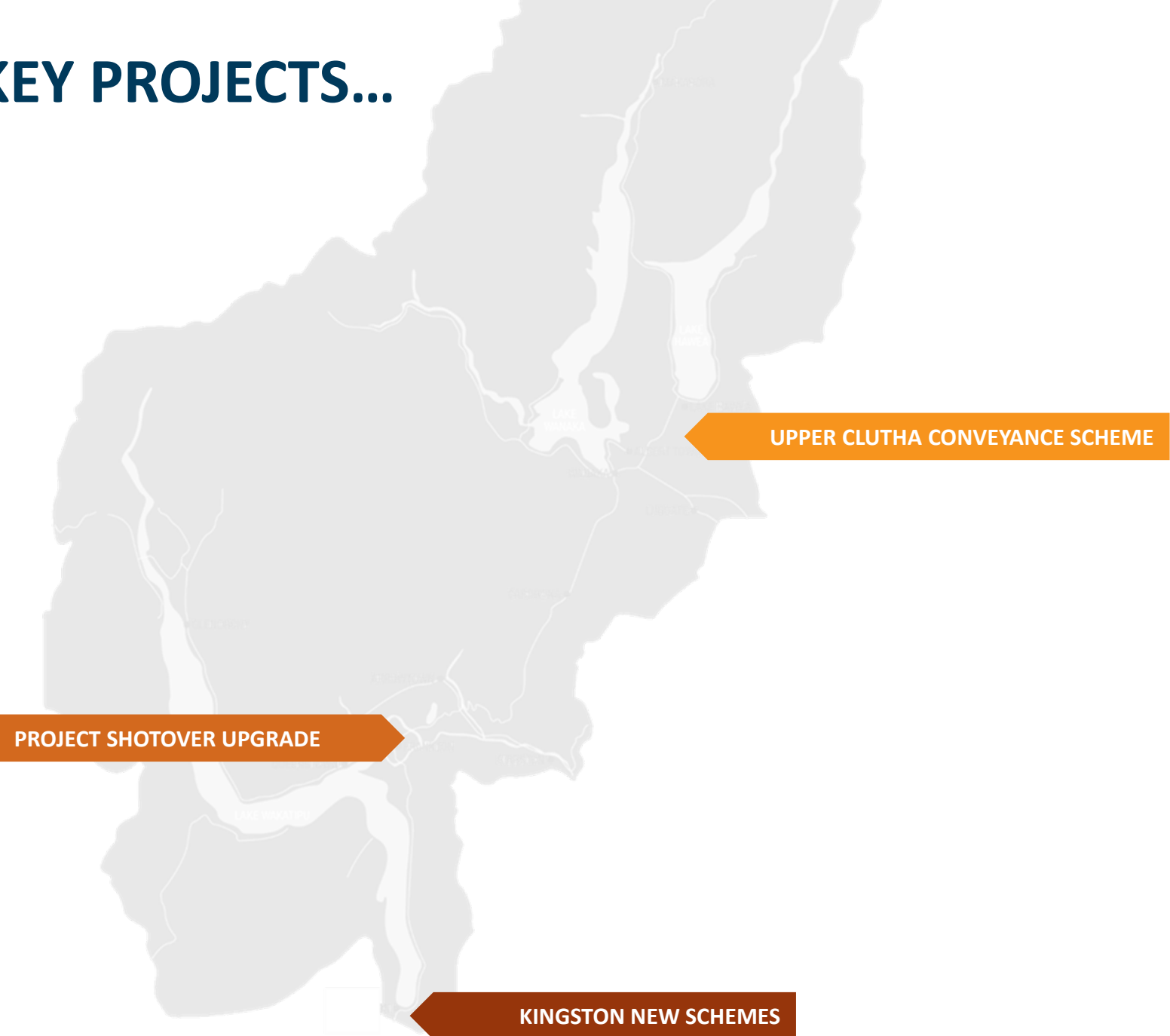
THREE WATERS

- **Telemetry/SCADA Improvements (FY25-26)** – Project focused on phased replacement of the end-of-life Powerlink SCADA platform (moving to AVEVA System Platform) and also testing the current communications network approach. Currently developing revised electrical and control standards, and implementing the new standard across the Lake Hayes scheme as first 'cab off the rank'.
- **Water Demand Management (FY25-32)** – Water Demand Management Plan to be updated early 2025, informing the Water Services Delivery Plan and scope/programme for implementation of district-wide demand management programme budget.
- **Wastewater and Water Supply Level of Service Performance Upgrades (FY26-34)** – network needs assessments underway district-wide, following which a prioritised programme of LOS improvement projects will be developed.
- **Masterplanning** – stormwater catchment modelling updates complete, wastewater and water supply model updates and network needs assessments underway.
- **Water Services Delivery Plan** – first draft nearing completion with an update to be provided to Council early December.

WASTE

- **Kerbside Food & Green Waste Collection (FY25-26)** – procurement activities to support introduction of new service in 2027 (dependency of processing facility being planned by CODC).
- **New Materials Recovery Facility (FY25-30)** – interim out of district service arrangement being explored while local solution developed and delivered in parallel. Local site investigations and detailed option analysis progressing.
- **Zero Waste District Programme** – service agreements in place (Resourceful Communities, Wanaka Community Workshop, Wastebusters, Kiwi Harvest, Zero Waste Event work, WAO Circular Economy Programme, Sustainable Queenstown waste minimisation project, Plastic Free Wanaka).
- **Waste Minimisation & Management Plan** – early engagement & Council workshop complete, WWMP to be before Council for consideration Mar 2025, SCP & hearings Apr-May, adoption of final Jun 2025.
- **Victoria Flats Landfill Reconsenting** – Planner engaged to support acquisition of new Resource Consents to protect the on-going operation of the existing landfill (current consents expire in 2032).

SPOTLIGHT ON A FEW KEY PROJECTS...



UPPER CLUTHA CONVEYANCE SCHEME

A map of the Upper Clutha region in New Zealand, showing the Clutha River and several lakes including Lake Waikare, Lake Waikare, Lake Waikare, and Lake Waikare. An orange circle highlights the area of the conveyance scheme, which is located between the lakes and the town of Albert Town.

- Detailed design package complete – undergoing final QLDC approvals
- Construction procurement to start in December
 - Package A: Domain Road to Albert Town + decommissioning of existing Hāwea WWTP
 - Package B: Riverbank Road to Project Pure
- Construction programmed to run mid 2025 to early 2028
- Most consents now in place – final processing expected by early 2025

NEW PIPELINES

~20km

Hāwea to Albert Town
Riverbank Rd to Pure

NEW PUMPSTATIONS

2

Domain Rd
Riverbank Rd

FY25-29 BUDGET

\$80.16M

latest cost estimate is
within this budget

PROJECT SHOTOVER UPGRADE

- Clarifier tank and MLE structural works complete, mechanical installation commenced, pond one dredged. PC due late 2025.
- 2250m³ low carbon concrete (35% fly ash) successfully placed; a record for the most 'ecrete' used on a project in the region.
- Strong waste minimisation focus - only 26 tonnes of waste has been taken to landfill out of 17,500 tonnes generated.
- MCD local team have supported replanting days (with WRT), and donated firewood from initial site clearance to Happiness House (also built them a woodshed to store it in!)
- 10% of MCD's subcontractor/supplier spend with Māori-owned businesses.

OF WASTE PRODUCED

97%

HAS BEEN RECYCLED OR
REPURPOSED

Co2e AVOIDED

439T

BY USING LOW CARBON
CONCRETE

MCD RAISED

\$10k

FOR HAPPINESS HOUSE
(ZQN MARATHON)

NEW KINGSTON 3W SCHEMES



Stormwater

- Construction contract awarded to Wilson Contractors.
- Site establishment Dec 2025, physical works begin Jan 2025 (starting with outlet gallery at the lakefront).

Wastewater

- Detailed design complete (approval Dec 2024), procurement to commence Jan 2025, construction contract est Jun 2025.

Water Supply

- Fulton Hogan progressing bulk supply main along Kent St, moving onto SH6 in the new year. Bulk earthworks for WTP complete.

NEW
WTP

NEW
WWTP

STORMWATER
1.8M
DIAMETER PIPE!

QUESTIONS & FEEDBACK

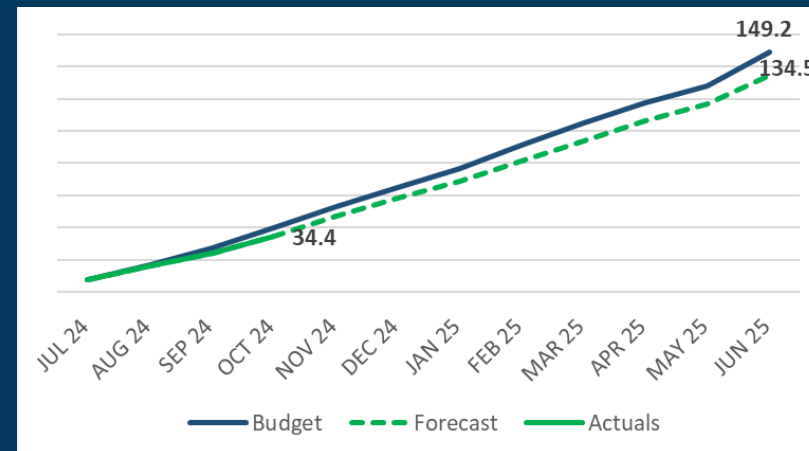
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WORK UNDERWAY OR STARTING SOON (FY25-27)

PROPERTY

- **Renewals** – significant renewals programme for Queenstown Memorial Centre (FY25) and QEC (FY25-27), plus standard renewals across community facilities, offices and depots, housing, waterways structures, residential properties, and campgrounds.
- **Stanley Street Site Works & Temporary Parking** (FY25-26) – Temporary parking available over 2024/25 holiday period.
- **Queenstown Bay Masterplan** (FY26) – project delayed until late 2025/early 2026.

TRANSPORT

- **Renewals & minor improvements** – Focus on completion of 21-24 works (Lower Shotover Rd rehab and safety improvements) while direction sought on 24-27 budgets. 24/25 reseal programme to commence shortly. Tranche 3 PT Assets design contract on hold pending Dec 2024 Council decision re Transport Funding Options.
- **Shepherds Creek Bridge** (FY26-27) – enhanced FAR of 76% secured, internal short-form business case to be developed by mid 2025, design and delivery programmed for FY26-27.
- **Bennetts Bluff Resilience** (FY27) – enhanced FAR of 76% secured, project on hold with design and delivery programmed for FY27.
- **Arthurs Point Bridge Crossing** (FY25-32) – business case to be updated by mid-2025, other project activity on hold pending Dec 2024 Council decision re Transport Funding Options.

THREE WATERS

- **Renewals & minor improvements** – Replacement of section of AC watermain on Frankton Road nearing completion, with subsequent stages of renewal planned for future years. Minor WW renewals planned for Arawata Terrace and further WS laterals on Wynyard Cres prior to road resealing early next year. SW improvements at Earl St/Marine Parade to address flooding in front of Novotel planned from early 2025.
- **Compliance Response – UV Treatment** (FY25-26) – Two Mile works underway and due for completion Apr 2025.
- **Filtration** (FY25-27) – project scoping for pre-UV filtration for Two Mile (incl. consideration of future addition to Kelvin Heights WTP) underway.
- **Kingston New SW Scheme** (Current Stage FY25-27) – construction contract awarded to Wilson Contractors; site establishment scheduled Dec 2024, commencement of lakefront stormwater outlet gallery Jan 2025.
- **Kingston New WW Scheme** (Current Stage FY25-27) – detailed design complete, construction procurement to begin Jan 2025, construction to commence mid-2025.
- **Kingston New WS Scheme** (Current Stage FY25-26) – bulk earthworks for WTP completed. Supply main along Kent St to be completed Dec 2025, moving to SH6 early 2026.
- **SH6/6A SW Improvements** (FY25-26) – betterment opportunities to be leveraged through the NZTA intersection upgrade, futureproofing the area's stormwater management arrangements.
- **Remarkables Park SW Outlet** (FY26-27) – to be kicked off in 2026.
- **CBD to Frankton WW Conveyance** (FY25-28) – onsite investigations and sampling underway, with detailed design due for completion Jan 2025. Construction procurement to begin early 2025, construction to commence mid-2025.
- **Frankton Beach to Shotover WW Conveyance** (FY25-30) – business case and project planning to commence early 2025.
- **Robins Road WW Conveyance** (FY25-27) – detailed design with supporting ECI underway and due for completion late 2024. Construction expected to commence Mar 2025.
- **Hanleys Farm WWPS** (FY25-26) – detailed design complete, planning permissions obtained, construction to commence early 2025.
- **Project Shotover Stage 3** (FY25-27) – clarifier tank and MLE tank structural works complete, and mechanical/electrical installation underway. Pond 1 decommissioning also underway with desludging due for completion by mid-2025.
- **Shotover Disposal Field** (FY25-30) – supporting consultants engaged and planning underway; preferred option to be identified by mid-2025. In parallel, exploring alternative interim strategies to manage disposal field.
- **SCADA Improvements** – Project focused on phased replacement of the end of like Powerlink SCADA platform (moving to AVEVA System Platform) and also testing the current communications network approach. Currently developing revised electrical and control standards, and implementing the new standard across the Lake Hayes scheme as first 'cab off the rank'.

WASTE

- **Existing Waste Facility Renewals** (FY25-27) – Budget is provisioned to enable existing sites to be managed until new facilities are available. Planned activities include purchase of critical MRF spares, addressing pavement failures, improving RTS kiosk provisions and reactive renewals as failures arise.
- **Tucker Beach Closed Landfill** (FY26) – Consent currently being sought for earthworks associated with addressing issues with the capping on the closed landfill, physical works planned for FY26.

WHAKATIPU

PROJECTS COMPLETED OR NEARING COMPLETION

PROPERTY

- Lakeview Site Clearance
- Pigeon Island Hut & Jetty
- Performing Arts Centre (QPAC removal, site & remedial works)

TRANSPORT

- Queenstown Street Upgrades
- Arthurs Point to CBD Active Travel
- Lower Shotover Road Rehabilitation
- Arterial Stage One

THREE WATERS

- Glenorchy Reservoir (WS)
- Glenorchy UV Treatment (WS)
- Shotover Country New Water Treatment Plant (WS)

LOOKING AHEAD (KEY PROJECTS FY28 & BEYOND)

- Kingston Jetty & Wharf Refurbishment (FY28-29)
- Lynch Block Cabin Removal & Site Works (FY33-34)
- Arthurs Point Bridge Crossing (FY28-32)
- Arterial Stage 2 & 3 Enabling Design & Land (FY30-34)
- PT Interchange Enabling Design & Land (FY28-33)
- Fernhill Road Rehabilitation & Active Travel (FY38-29)
- Southern Corridor & Ladies Mile Transport Network Optimisations (FY31-34)
- PT Network Optimisation (FY28-34)
- Quail Rise to Hawthorne Link Road (FY28-31)
- Butlers Green Retaining Wall (FY30-31)
- Road 10 Formation (FY32-34)
- Major SW Improvements (FY28-34)
- Remarkables Park WWPS (FY29-31)
- Marine Parade WWPS (FY28-29)
- Hawthorne Drive WW Capacity (FY28-30)
- Arrowtown to Lake Hayes WW Conveyance (FY30-33)
- Kingston New 3W Schemes – next stages (FY28-34)
- Project Shotover Future Works (FY28-34)
- Two Mile Supply Upgrades (FY31-34)
- Quail Rise Reservoir (FY28-32)
- Glenorchy Bore Upgrades (FY32)
- Arthurs Point Reservoir (FY28-31)
- Arrowtown Scheme Upgrades (FY27-31)
- Ladies Mile New 3W Schemes (FY27-32)
- Southern Corridor New WW & WS Schemes (FY27-34)

WORK UNDERWAY OR STARTING SOON (FY25-27)

PROPERTY

- **Renewals** – significant renewals programmed for Lake Wanaka Centre FY25, plus standard renewals across community facilities, offices and depots, housing, waterways structures, and campgrounds.
- **Wanaka Airport compliance** (FY25-27) – works required to meet CAA qualifying status by 01 July 2027.
- **Wanaka Airport renewals** (FY25-34) **and upgrades** (FY27-30)

TRANSPORT

- **Renewals & minor improvements** – Focus on completion of 21-4 works while direction sought on 24-27 budgets. Retaining wall on Mt Aspiring Rd (@ Glenfinnan Stream) commencing early December and requiring road closures. 24/25 reseal programme to commence shortly.
- **Crown Range Resilience** (FY25-26) – project to respond to slope instability on the route being scoped. 76% FAR from NZTA for this project.

THREE WATERS

- **Renewals & minor improvements** – Plantation Road/Anderson Road sewer renewal and Beaumont St AC watermain replacement to commence early January 2025.
- **Water Demand Management – Hāwea** (FY25-26) – installation of meters on track for completion by Dec 2024, with commissioning expected by Apr 2025. Project expected to be delivered significantly under budget; options to transfer any associated surplus IAF funding to the Upper Clutha Conveyance Scheme (WW) project will be explored in due course.
- **Compliance Response – UV Treatment** (FY25-26) – Following the completion of the successful addition of UV treatment to the Beacon Point and Western Wanaka supplies in early 2024 work has continued and the upgrade to the Wanaka airport supply has now been commissioned. Following Council approval in Oct 2024, this project will now also deliver a more extensive upgrade for Luggate including new bores, containerised water treatment plant, and relocation of the existing tank farm – this upgrade will achieve a fully compliant supply from a better quality source with increased capacity for the growing township.
- **Hāwea Water Supply LoS Improvement** (FY25-26) – project scoping to increase Scotts Beach Borefield yield underway.
- **Filtration** (FY25-27) – project scoping for pre-UV filtration for Beacon Point and Western Wanaka intakes underway.
- **Beacon Point Water Supply Upgrades** (FY25-31) – project to increase resilience and capacity of Beacon Point intake arrangements to be initiated early 2025.
- **Hāwea Water Supply Scheme Upgrades** (FY25-31) – planning for upgrades to intake, treatment, and distribution arrangements to support sustained growth within the area and maintain/improve service levels to begin early 2025.
- **Project Pure Aeration Grid Renewal** (FY25-26) – contract awarded and underway in design phase. On track for completion in FY26.
- **North Wanaka Wastewater Conveyance Stage 2** (FY25-27) – Notice of Requirement process underway to designate pump station site.
- **Septage Disposal** (FY25-26) – project will relocate the current facility from the Ballantyne Rd site to Project Pure. Due to the dependency with Ballantyne Rd sports field development this now needs to be accelerated to avoid conflict with the site remediation works.
- **Upper Clutha Wastewater Conveyance Scheme** (FY25-29) – detailed design approval expected Dec 2024, physical works to commence mid-2025.
- **Southwest Wanaka Wastewater Conveyance Scheme** (FY25-29) – further scheme-level planning required before this project can be scoped; capacity upgrade to existing Gordon Rd pump station will be delivered in FY26.
- **Project Pure Future Works** (FY26-31) – project initiation underway; initial priority will be considering master planning of the inlet to accept the increased instantaneous flows arising from the Upper Clutha Conveyance project.
- **Rockabilly Gully Stormwater Erosion Protection** (FY25-27) – options assessment and design underway, physical works to commence early 2026.
- **Stone Street Stormwater Upgrade** (FY27-28) – project is presently on hold and will be reinitiated before FY27. In the interim an agreement has been reached with Otago Fish & Game to construct a wetland area within their land to assist with mitigating their concerns.

WASTE

- **New Wanaka Waste Facilities** (FY25-27) – business case forecast Mar 2025, followed by detailed design and consenting in Jul 2025.
- **Kerbside Food & Green Waste Collection** (FY25-26) – procurement activities to support introduction of new service in 2027 (dependency of processing facility being planned by CODC).
- **New Materials Recovery Facility** (FY25-30) – interim out of district service arrangement being explored while local solution developed and delivered in parallel. Local site investigations and detailed option analysis progressing.

OTHER

- **Capell Ave Road & Watermain Extension** (FY26-28) – roading extension did not attract NLTP funding. Timing & quantum of investment in road to be agreed by Council in Dec 2024; this will determine whether the watermain is advanced ahead of the road extension.



PROJECTS COMPLETED OR NEARING COMPLETION

PROPERTY

- Wanaka Airport stormwater, apron/taxiway, and aircraft movement area renewals/upgrades
- Jetty 147 Replacement
- Paetara Aspiring Central
- Luggate Hall Replacement

TRANSPORT

- Cardrona Valley Road Rehabilitation
- Schools to Pool Active Travel
- Ballantyne/ Riverbank Rd Roundabout

THREE WATERS

- Western Wanaka Level of Service (WS)
- Beacon Point New Reservoir (WS)
- Cardrona Reticulation (WS)
- Project Pure Upgrade (WW)
- North Wanaka Conveyance Stage 1 (WW)

LOOKING AHEAD (KEY PROJECTS FY28 & BEYOND)

- Eely Point Jetty/Ramp (FY33-34)
- Solar energy conversion – QLDC facilities (FY32)
- Campground upgrades – district wide (FY32-34)
- Wanaka Transport Network Optimisation Stage 1 (FY31-34)
- Hāwea Transport Network Optimisation Stage 1 (FY31-34)
- Wanaka Primary Cycle Network Stage 1 (FY31-34)
- Ardmore St Rehabilitation (FY31-32)
- Additional Street Lighting (FY29 & 32)
- Wanaka Water Supply Storage Upgrades (FY28-34)
- Cardrona Wastewater Scheme Upgrades (FY29-32)
- Luggate Wastewater Reticulation Extension (FY30-34)
- Major Stormwater Improvements (FY29-34)
- Luggate Closed Landfill (FY32-33)

OTHER ACTIVITIES OF NOTE

- **Wanaka Transport Network Optimisation business case** – network model updated and response options being finalised.
- **Wanaka Airport planning** – investigative work underway to explore alternative management/service arrangement options