

CCNZ PROUDLY PRESENTS



**THE CCNZ HIREPOOL
CONSTRUCTION
EXCELLENCE AWARDS**

2024

**INCORPORATING
THE CONNEXIS CIVIL INDUSTRY TRAINING AWARDS
THE Z PEOPLE AWARDS**



TABLE OF CONTENTS

4 Major Associate Award
.....
CCNZ HIREPOOL CONSTRUCTION EXCELLENCE AWARDS 2024

6 JUDGES' CITATIONS
Winners and Highly Commended entrants in the CCNZ Hirepool Construction Excellence Awards 2024 cat 1-6.
.....

CATEGORY 1
Projects with a value of up to \$2m

18 PROJECT: Waihola Underpass Stewart Culvert
CONTRACTOR: Isaac Construction

20 PROJECT: Capell Avenue Roundabout Upgrade Project
CONTRACTOR: HEB Construction

22 PROJECT: Lake Mangamahoe Low Head Dam
CONTRACTOR: Downer

24 PROJECT: South Auckland Flood Recovery
CONTRACTOR: Higgins Contractors

26 PROJECT: Okoki Road Culvert Renewal
CONTRACTOR: Downer

28 PROJECT: Kaipatiki Retaining Wall
CONTRACTOR: Fulton Hogan

30 PROJECT: Manganui Gorge Bridge
CONTRACTOR: Abseil Access

32 PROJECT: Floating Pontoon and Boat Ramp
CONTRACTOR: CB Civil and Drainage
.....

CATEGORY 2
Projects with a value of between \$2m and \$5m

34 PROJECT: SH25A Taparahi Slip Remediation Slope Protection Works
CONTRACTOR: Geovert

36 PROJECT: Whakatane District Council SP24-003 Landing Road Roundabout Reconstruction
CONTRACTOR: Waiotahi Contractors

38 PROJECT: Te Aro Mahana Playspace (Frank Kitts Park)
CONTRACTOR: Downer

40 PROJECT: Pāpāmoa Hills Cultural Heritage Regional Park Site Two Entry Re-development
CONTRACTOR: HEB Construction

42 PROJECT: Tahekeroa Road Slip Recovery
CONTRACTOR: Downer

44 PROJECT: Hayman Park Playground Development Phase 2
CONTRACTOR: HEB Construction

46 PROJECT: 32 Awatea Road Remediation Project
CONTRACTOR: Brian Perry Civil, Waikato

48 PROJECT: Bundle 6 Denniston Road Remedial Works Contract 22/23/14
CONTRACTOR: Isaac Construction

50 PROJECT: Reaching for the Stars
CONTRACTOR: Downer

52 PROJECT: Taieri River Bridge Barrier Replacement
CONTRACTOR: Downer
.....

CATEGORY 3
Projects with a value of between \$5m and \$20m

54 PROJECT: Orion 66kV Bromley Substation to Milton Substation
CONTRACTOR: Isaac Construction

56 PROJECT: SH30 Kopaki Bridge Replacement
CONTRACTOR: Downer

58 PROJECT: Hobsonville Marine Recreational Centre
CONTRACTOR: Oxcon

60 PROJECT: Taranaki Street Pump Station
CONTRACTOR: Brian Perry Civil

62 PROJECT: Te Maunga Outfall Landward Section
CONTRACTOR: HEB Construction

64 PROJECT: Te Matapihi Wellington Library Strengthening Works
CONTRACTOR: Brian Perry Civil

66 PROJECT: Rangioru Interchange (Overbridge)
CONTRACTOR: Brian Perry Civil

68 PROJECT: Rototuna Village – Public Realm
CONTRACTOR: Schick Civil Construction

70 PROJECT: PrimePort North Mole Upgrades
CONTRACTOR: Fulton Hogan

72 PROJECT: Ngāpipi Pedestrian Bridge
CONTRACTOR: HEB Construction

74 PROJECT: The Heathcote Valley Kurimoto Pipeline Project
CONTRACTOR: Utilities Infrastructure NZ (UINZ)

76 PROJECT: Slip Remediation at Brynderwyn Hills
CONTRACTOR: Goodman Contractors

78 PROJECT: Christchurch Coastal Pathway Works Monck's Bay
CONTRACTOR: Fulton Hogan

80 PROJECT: Whanganui Airport Resealing
CONTRACTOR: Fulton Hogan

82 PROJECT: Wairoa 2 – Capacity Upgrade
CONTRACTOR: Brian Perry Civil (BPC)

84 PROJECT: RAS Kingfish Farm
CONTRACTOR: CB Civil and Drainage

86 PROJECT: Bridge 217 PNGL Rebuild Napier
CONTRACTOR: United Civil Construction

CATEGORY 4
Projects with a value of between \$20m and \$100m

88 PROJECT: New Beaumont Bridge
CONTRACTOR: HEB Construction

90 PROJECT: KiwiRail iRex Picton
CONTRACTOR: Isaac Construction

92 PROJECT: Redoubt Road Reservoir
CONTRACTOR: Fulton Hogan

94 PROJECT: SH25A Taparahi Slip Remediation
CONTRACTOR: McConnell Dowell Constructors

96 PROJECT: Hamilton Ring Road: Wairere Drive Extension & Cobham Drive Interchange Project
CONTRACTOR: Fulton Hogan

98 PROJECT: Wharf 7
CONTRACTOR: McConnell Dowell Constructors
.....

CATEGORY 5
Projects with a value of greater than \$100m

100 PROJECT: George Street Retail Quarter and Enabling Works
CONTRACTOR: Isaac Construction

102 PROJECT: Pūhoi to Warkworth
CONTRACTOR: The Fletcher ACCIONA Joint Venture

104 PROJECT: Puketutu Island Rehabilitation Project
CONTRACTOR: Fulton Hogan
.....

CATEGORY 6
Maintenance & management of assets

106 PROJECT: Tararua Alliance
CONTRACTOR: Tararua Alliance

108 PROJECT: North Urban Maintenance Contract and West Storm Recovery
CONTRACTOR: Fulton Hogan

110 PROJECT: Māngere Wastewater Treatment Plant
CONTRACTOR: McConnell Dowell Constructors

112 PROJECT: CCC Road Maintenance – Northern Network Contract Storm Recovery
CONTRACTOR: HEB Construction

114 PROJECT: Tairāwhiti Emergency Works 2023 2024
CONTRACTOR: Hiway

116 PROJECT: Chatham Islands Maintenance
CONTRACTOR: Fulton Hogan



Z PEOPLE AWARDS
Outstanding achievements within the civil construction industry

119 Z Personal Improvement Award
121 Z Emerging Leader Award



CONNEXIS CIVIL INDUSTRY TRAINING AWARDS
Building business through people

Turnover up to \$10m

127 Odlum Group
128 Offshore Plumbing
129 BeSafe Training

Turnover between \$10m and \$100m

130 Infracore Limited
131 Phoenix Civil
132 Quality Roding and Services (Wairoa) Limited
133 Waipa Civil

Turnover of \$100m and over

134 HEB Construction
135 Isaac Construction
136 Brian Perry Civil
137 Fulton Hogan



Civil Contractors NZ established the Construction Excellence Awards in 1978 as a means of recognising excellence in the civil engineering, construction, maintenance and contracting industry. Hirepool has been a proud sponsor of the awards since 2003.

Civil contractors who are members of CCNZ compete for the awards annually. The winners are presented with their award at a gala awards dinner held in conjunction with CCNZ's annual conference.

In 2024 the annual conference and awards were held on 14 August - 16 August 2024 at ILT Stadium Southland, Glengarry, Invercargill.



MAJOR ASSOCIATE AWARD 2024

WINNER • Youngman Richardson & Co

CCNZ members have spoken - long standing industry suppliers Youngman Richardson have been selected as recipients for this year's CCNZ Major Associate Award. Members advised the Youngman Richardson approach is deeply personal and collaborative, treating client assets as if they were their own. This mindset enables them to constantly seek innovative solutions and offer new products.

CCNZ members also commented the team comes to their aid in times of the biggest need. In one outstanding anecdote, equipment was fully replaced for a member overnight not once but twice following burglaries where pumps, generators, power saws and other equipment was stolen from a container.

The team's response was a message of support for the affected contractors, saying the important thing was to get the business going again so they could keep working. Payment could be (and was) figured out in good time. The contractor commented this fantastic service meant they could be going again the

next day. To put a significant amount of equipment out on credit with a small contractor in the space of a week took all the pressure off.

While they are all squared up now, the contractor credits the difference genuine support from Youngman Richardson made for them, getting through during a difficult time. In addition to their professional achievements and direct support for contractors, Youngman Richardson are active members of their local CCNZ branches.

They are always willing to lend a hand and support CCNZ initiatives, fostering a community. Their commitment to their clients and the industry as a whole makes them deserving recipients of this prestigious award.

CCNZ HIREPOOL CONSTRUCTION EXCELLENCE AWARDS 2024

TOKI

The toki represent the earth mother Papatuanuku who is represented at the front end of the toki.

The small round piece at the end of the handles represent the lens our winners must look through when thinking about their mahi and its relationship to the taiao environment.

The two feathers represent Tangata Tiriti our non-maori treaty partners and Tangata Whenua.

Damian Mackie
Ngāti Kura, Ngāpuhi





CATEGORY 1 • WINNER

ABSEIL ACCESS – MANGANUI GORGE BRIDGE
 PROJECTS WITH A VALUE OF UP TO \$2 MILLION

This award winning suspension bridge project by Abseil Access on the slopes of Mt Taranaki exemplifies excellence in civil construction. Meticulous planning was evident throughout, navigating the complexities of a challenging site and working at considerable heights with precision and safety. Securing the cable stay bridge in such rugged terrain posed significant challenges, expertly overcome through innovative engineering solutions and a cohesive team culture that prioritized collaboration and safety. Managing costs, especially in helicopter operations, showcased strategic financial stewardship

without compromising on project quality or timeline. The bridge's successful completion not only enhances local infrastructure but also underscores its role in promoting accessibility and environmental sustainability in the region.

Overall, this award-winning project sets a high standard for excellence in civil construction, demonstrating outstanding leadership, technical expertise, and a commitment to delivering exceptional results that benefit both the community and the environment.

CATEGORY 1 • HIGHLY COMMENDED

ISAAC CONSTRUCTION – WAIHOLA UNDERPASS CULVERT
 PROJECTS WITH A VALUE OF UP TO \$2 MILLION

This Highly Commended project at Waihola, featuring the underpass access below SH 1, demonstrates exemplary planning and decision-making prowess. The coordination with the client ensured seamless integration of project goals with stakeholder needs, resulting in a solution that not only met but exceeded expectations. Creating a temporary access road and relocating SH 1 to allow culvert construction showcased innovative problem-solving and a commitment to minimising disruption to road users while maximizing on site safety.

Navigating regulatory and NZTA approvals underscored the project's adherence to compliance standards,

ensuring all environmental and legal requirements were met. Addressing challenges such as water leakage in the underpass demonstrated adaptive engineering strategies and a proactive approach to resolving unexpected future issues.

This project stands as a testament to effective collaboration, technical proficiency, and a dedication to delivering infrastructure that enhances community connectivity and safety. Its recognition as Highly Commended highlights its significant contribution to advancing civil construction practices and setting a benchmark for future projects in the field.



CATEGORY 2 • WINNER

WAIOTAHI CONTRACTORS LTD - WDC* LANDING ROAD ROUNDABOUT RECONSTRUCTION PROJECTS WITH A VALUE OF BETWEEN \$2 MILLION AND \$5 MILLION

*** Whakatane district council**

The Landing Road Roundabout Reconstruction project represents a significant transformation enhancing Whakatāne’s gateway to this community. Through planning and innovative solutions, the project resulted in a complete reconstruction of the underground services and roundabout at this highly congested pivotal access point into the township. A significant re-design of the project afforded the opportunity to accelerate the project construction program as well as providing the client WDC security of keeping the costs within the original budget. A meticulous approach to problem solving and risk management underpinned by a strong company culture ensured disruptions to the local community

and stakeholders were minimised. Despite the complexity of the construction phasing detailed planning was never compromised in relation to health and safety, environmental and quality of workmanship, all delivered to an extremely high standard. Overall, this award-winning project stands out as a notable example of excellence in civil engineering construction, led by a resolute team of “can do individuals” that take immense pride in their company and local community. The completed project represents a significant transformation at the intersection of Landing Road and Hinemoa Street removing congestion and enhancing the gateway to Whakatane for its residents, visitors, and stakeholders.

CATEGORY 2 • HIGHLY COMMENDED

BRIAN PERRY CIVIL – 32 AWATEA ROAD REMEDIATION PROJECT PROJECTS WITH A VALUE OF BETWEEN \$2 MILLION AND \$5 MILLION

Positioned on the edge of a 35-metre cliff the project was initiated in response to a severe landslip placing at risk several prestigious high-end properties at 32 Awatea Road, Hobson Bay. The project required extensive coordination and planning with residents impacted by the construction activity immediately adjacent to their properties. An innovative technical repair involved the construction of 34 deep pile foundations, reinforced with strategically placed capping beams and palisade walls. The integrated technical system provided engineering stability for the site much to the relief of the property owners. The complexity of the project was heightened by the limited access to the site, this was overcome by fabricating a specially designed

track and dolly system to transport material efficiently to the site without disturbing the neighbouring properties. Innovative technology including drone monitoring and remote-controlled piling rigs were used to ensure quality was achieved and health and safety of employees was not compromised on this high-risk site. Despite the emergency risk of stabilising the site environmental controls were important for the project to minimise the ecological impact of the works. This included installation of advanced siltation and run off management systems as well as site planning to protect the native Pohutukawa trees. The project clearly recognises the technical expertise and construction ability of Brian Perry delivering this project much to the relief of the property owners at 32 Awatea Road.



CATEGORY 3 • WINNER

ISAAC CONSTRUCTION – ORION 66KV BROMLEY STATION TO MILTON STATION PROJECTS WITH A VALUE OF BETWEEN \$5 MILLION AND \$20 MILLION

Winner of Category 3 for the Civil Construction Awards, Isaac Construction, demonstrated exceptional expertise and innovation in laying a 66 kV electricity line for Orion in the busy road corridors of Christchurch. The team overcame significant challenges, including navigating a 7.5 km stretch divided into 800m sections that were fully open until each section was completed. This required meticulous planning and demonstrated ability to manage complex logistics and minimise disruption to adjacent properties and road users.

The project's success hinged on their mitigating the impacts of road corridor effects and ensuring seamless and safe access to adjoining properties

during construction. Isaac Construction handled the complexities of working in crowded existing corridors, navigating numerous existing services, and executing clean trenching processes crucial for cable laying. Their attention to detail was evident in the complex jointing at section connections, critical for ensuring operational continuity. Throughout the project, Issaac Construction maintained communication with stakeholders, keeping them informed and engaged, which contributed to a highly satisfied client and the prospect of future work opportunities. Isaac Construction's achievement in this challenging project underscores their leadership in civil construction, exemplifying innovation, efficiency, and stakeholder collaboration in the industry.

CATEGORY 3 • HIGHLY COMMENDED

UNITED CIVIL CONSTRUCTION - BRIDGE 217 PNGL REBUILD NAPIER PROJECTS WITH A VALUE OF BETWEEN \$5 MILLION AND \$20 MILLION

United Civil Contractors have been highly commended for their exemplary work in replacing the rail bridge and approaches demolished by Cyclone Gabrielle. This bridge was a crucial lifeline for residents and businesses in the Hawke's Bay/Gisborne area as it was essential for regional commerce. Despite the significant challenges, the project was impressively completed in just 17 weeks. The project involved the removal of storm debris, demolition of old bridge remains where necessary, and the construction of the new bridge. Key to the project's success was the strong collaboration between the contractor and designers, which facilitated contractor suggestions to speed up construction which helped in the rapid completion of the project.

Innovative techniques were employed, including advanced pile driving and pile cap installation design and methodology for ease of installation. Notably, the construction team used the new bridge itself as access for advancing cranes to install the bridge beams and top precast slabs across the waterway. This approach significantly expedited the construction process. The contractor ensured a high level of safety working at heights and over water. This challenging job provided the opportunity for upskilling staff from throughout the contractor's workforce



CATEGORY 3 • HIGHLY COMMENDED

BRIAN PERRY CIVIL LIMITED - TARANAKI STREET PUMP STATION
 PROJECTS WITH A VALUE OF BETWEEN \$5 MILLION AND \$20 MILLION

The judges commend Brian Perry Civil for their exceptional achievement with the Taranaki Street Pump Station project, located in the highly constrained environment of Central Wellington. Overcoming challenges such as heavy traffic, high pedestrian flow, and proximity to critical infrastructure, including a parking building, demonstrates exemplary planning and execution. The excavation, reaching 19 meters deep and 14 meters in diameter through unstable soils with a shallow water table, required innovative solutions with secant pile protection and precision concrete wall construction. The strategic use of heavy precast walls for structural integrity and separation of wet and dry areas underscores their commitment to operational

efficiency and longevity. Installation of the three pumps and its associated piping and telemetry gave Wellington Water a key piece of their inner city waste system that will fulfil their requirements for many years.

Moreover, the successful coordination of service relocations and stringent safety protocols in confined spaces further highlights Brian Perry Civil's dedication to excellence. Their ability to navigate complex urban logistics while maintaining a high standard of safety and quality is truly commendable. This project stands as a testament to their expertise and capability in delivering exceptional civil construction solutions under challenging conditions.

CATEGORY 4 • WINNER

MCCONNELL DOWELL & FULTON HOGAN – SH25A TAPARAHI SLIP REMEDIATION
 PROJECTS WITH A VALUE OF BETWEEN \$20 MILLION AND \$100 MILLION

Heavy rain events in late January 2023 NZ Transport Agency Waka Kotahi (NZTA) in a remote location encountered a 120 metre long and 20 metre deep under slip on SH25A, called the Taparahi Slip. In June 23 the restoration project was awarded as a ECI contract with support from the designers Beca and Tonkin + Taylor. The project was given a challenging deadline to reopen the road by March 2024.

The project solution was to reinstate the road with a 124m long by 15m high three-span steel/composite bridge and associated geotechnical works. In just 7 months, by December 2023 the road was reopened to traffic.

The project impressed the judges with excellence across all facets of the project, not least health and safety, collaboration, ability to accelerate the work programme, and skilful work to address an extremely challenging geotechnical emergency situation as if it was business as usual.

The judges congratulate the McConnell Dowell and Fulton Hogan Joint Venture in the successful delivery of a challenging project and winning the Category 4 CCNZ Hirepool Construction Excellence Award.



CATEGORY 5 • WINNER

FLETCHER BUILDING ACCIONA JOINT VENTURE – PŪHOI TO WARKWORTH
 PROJECTS WITH A VALUE OF GREATER THAN \$100 MILLION

Pūhoi to Warkworth is an 18.5km four lane motorway traversing steep terrain comprising variable and challenging ground conditions. It includes impressive viaduct structures and massive steep faced rock cuts up to 60m deep and 50m high embankments. It was delivered for NZTA Waka Kotahi under a Public Private Partnership with all construction works undertaken by a Fletcher Acciona Joint Venture.

The many achievements on this project that impressed the judges included excellence in contingency planning, collaboration, utilisation of overseas expertise, refined blasting techniques to increase crushed rock utilisation and the importation of a 16m wide body paving machine to remove pavement joints between traffic lanes. The benefit of this being evident to anyone who has driven the road.

The successful delivery of 10 million cubic meters of earthworks through Covid19 and several extreme weather events and the above-mentioned terrain was impressive. It is only the third project outside of the USA to achieve a Greenroads Silver Certification sustainability rating.

CATEGORY 6 • WINNER

DOWNER – TARARUA ALLIANCE MAINTENANCE CONTRACT
 MAINTENANCE AND MANAGEMENT OF ASSETS

The Tararua Alliance Maintenance Contract is a partnership between Tararua District Council and Downer NZ to maintain the local road and water network in the Tararua District. The Alliance team includes TDC and Downer staff that work together delivering capital works, renewals, and maintenance. Following the impact of Cyclone Gabrielle the estimated cost of emergency works was estimated at \$90m, for a road maintenance programme normally \$4m - \$5m per annum.

Reliable asset data, strong stakeholder relationships and a make it happen approach has enabled the Tararua Alliance to provide the community with a fast, robust, and resilient roading response.

By the end of this financial year the Tararua Alliance is on track to deliver \$38m of works all delivered to a high standard of workmanship. Ongoing streamlining including subcontractor pre-qualification is progressing in anticipation of a further \$45m of work required to bring the network up to standard. Underpinning this exemplary performance is the collaborative relationship of trust between the alliance partners and comprehensive asset system used to manage the changing network conditions such as the influence of Cyclone Gabrielle.

Given the scale of the event it was evident that support from key stakeholders would be required to ensure compliance with the RMA requirements including local iwi and Horizons Regional Council.



CATEGORY 6 • HIGHLY COMMENDED

MCCONNELL DOWELL – MANGERE WASTEWATER TREATMENT PLANT MAINTENANCE AND MANAGEMENT OF ASSETS

McConnell Dowell was awarded a 3-year TARP (Targeted Asset Renewal Program) contract in November 2020 following a 2-day LAP (Lean Agile Procurement) process. The contract was considered a multi-site and multi-year program to deliver upgrades and renewals at New Zealand's largest wastewater treatment plant.

Although the site at Mangere is a single facility the scale and complexity of the site required planning across multiple sites to ensure there was no disruption to the treatment of wastewater collected from over one million customers. The works are undertaken by a dedicated skilled maintenance crew on a project-by-project basis working with aged

infrastructure often requiring temporary works to complete the task. Watercare Management has recognised the input from the private sector including employing new and innovative products and technologies and leveraging their expertise to maintain plant. The collaborative framework associated with this contract has allowed for intimate knowledge exchange between the parties allowing for the successful and safe shutdown and equipment tie-ins. Overall this Highly Commended project not only has delivered an exceptional level of service it has been delivered with an impressive health and safety performance with no lost time Injuries or medical treatment injuries recorded over the three plus years on site.

BIG CONGRATS!

Let's hear it for all the category winners and finalists in the 2024 CCNZ Hirepool Construction Excellence Awards. We're always stoked to be involved with epic projects like these and to see them come to completion.

Talk to us about how we can help with your next project.



CATEGORY

1 UNDERPASS EARNS PASS MARK

PROJECT: Waihola Underpass Stewart Culvert

CONTRACTOR: Isaac Construction

CLIENT: Donald Stewart

VALUE: \$985,272

Donald Stewart approached Isaac Construction to examine the feasibility of constructing an underpass under SH1 in Waihola, Otago.

The project included ECI and engagement with NZ Transport Agency Waka Kotahi directly to gain approval for an underpass and liaising directly with authorities for approvals and implementing design requirements.

Working alongside Hynds, Isaac's in-house surveyor modelled the site, establishing a methodology that maintained an open highway, resulted in a box culvert that was 'drip-free' and ensured the environmental challenges in the region did not impact Lake Waihola and the surrounding environment.

Establishing a comprehensive traffic plan and obtaining approval from all stakeholders included creating a bypass road for SH1, mitigating the impact on motorists, and creating a safe working site for the construction team.

Collaboration with a contractor on a neighbouring site provided opportunities to recycle materials. Developing an innovative solution to the dry culvert objective required collaboration with Hynds and the manufacture of a bespoke culvert locally, resulting in a reduction of emissions.

Isaac's approach, high-quality delivery and delivery structure have proven advantageous and made life easy for the client.





CATEGORY

1

ROUNABOUT RENOVATION

PROJECT: Capell Avenue Roundabout Upgrade Project

CONTRACTOR: HEB Construction

CLIENT: Queenstown Lakes District Council

VALUE: \$1,608,000



The Capell Avenue Roundabout Upgrade improves road user safety, traffic flows, and pedestrian facilities between Capell Avenue and Domain Road, in Hāwea, near Wānaka. Lead contractor HEB Construction delivered a new, three-leg roundabout for QLDC and NZ Transport Agency Waka Kotahi.

Works began in November 2023, as part of a continuing programme to improve safety and travel efficiency. The roundabout is the main access and only heavy vehicle route into Hāwea from SH6 and was no longer safe or suitable for Hāwea's fluctuating traffic volumes.

HEB upgraded lighting, installed new pedestrian refuges, added a mountable apron, and installed telemetry equipment in a new off-road access pit.

The site was incredibly restricted, and the design was complex, with flat grades, little tolerances, and logistical challenges, including a remote location and changing weather conditions.

HEB remained proactive and solutions-focused, fostering a collaborative environment with its project partners to navigate these challenges. Together with QLDC and lead consultant WSP, HEB established alternative staging and committed to a new project deadline. The team reached each milestone on time and opened a new roundabout to the Hāwea community on the expected completion date in April 2024.



CATEGORY

1 A SUCCESSFUL DAM DEMOLITION

PROJECT: Lake Mangamahoe Low Head Dam

CONTRACTOR: Downer

CLIENT: New Plymouth District Council

VALUE: \$844,310

The Lake Mangamahoe Low Head Dam Remedial Works project in New Plymouth exemplifies a remarkable collaboration and meticulous planning between the NPDC, consulting engineers, and Downer to address critical infrastructure challenges.

Initiated in October 2021 this project aimed to remove century-old dam structures that were causing environmental damage downstream. Downer's team demonstrated exceptional expertise and commitment throughout the project duration, which concluded on 28 February 2023.

This transformative endeavour showcases a dedication to environmental stewardship and innovative engineering practices, many of which were crafted mid-works, such as recycling the dam structures as base layer beneath the rock armour fill. Further, close collaboration between the NPDC, Downer and TRC saw the minimisation of time loss such that enabling works could continue while waiting for consent. The project's success underscores Downer's leadership in infrastructure management and commitment to sustainable development.



CATEGORY

1

SMOOTH STORM RECOVERY WORKS FOR AUCKLAND

PROJECT: South Auckland Flood Recovery

CONTRACTOR: Higgins Contractors

CLIENT: Auckland Transport

VALUE: \$2,000,000



In early 2023, Auckland was hit by two major weather events, the first of which occurred late January during Auckland Anniversary weekend, and was quickly followed by Cyclone Gabrielle in early February.

The AT road network was severely affected, with communities cut off and countless dangerous personal and property related situations a reality. Fallen trees and land slips were multiple with numerous areas where the traffic route had either disappeared completely, or key sections had been reduced to a precarious one lane width.

The recovery challenge was set and AT was charged with restoring and maintaining public safety while also

getting the region moving again. At the time of these events, Liveable Streets was contracted to AT to maintain and renew the south rural road network and was engaged to deliver a programme of works necessary to clear and then rebuild the affected areas.

This huge task required a significant amount of planning, resource engagement for investigation, design and build, together with the clarity of vision and financial support provided by AT and NZ Transport Agency Waka Kotahi. The projects presented here are a celebration of what an aligned and focused team can achieve.



CATEGORY

1 CULVERT REPLACED BEFORE POSSIBLE COLLAPSE

PROJECT: Okoki Road Culvert Renewal

CONTRACTOR: Downer

CLIENT: New Plymouth District Council

VALUE: \$885,910

The Okoki Road Culvert Renewal Project, undertaken by Downer on behalf of client New Plymouth District Council involved the replacement of a close-to-failure and aged Armco culvert with a new 3m x 3.5m reinforced concrete box culvert, alongside the construction of a dissipation basin and a new stock access track.

Over 15 months, from March 2023 to June 2024, this project required an integrated approach to comprehensive Traffic Management, Communication, and Environmental Management Plans, ensuring minimal disruption and proactive mitigation of environmental impacts.

The project team showed its dedication to upholding quality standards, evidenced by detailed Testing and Inspection Plans and adherence to the \$860,858.90 target cost.

The project also showcases effective project management with a focus on client satisfaction, stakeholder engagement, team collaboration, and people development with plans aligned with NPDC's objectives, ensuring clear communication and proactive problem-solving.

In the words of the project manager, "Whilst managing relationships with stakeholders, including consultants, subcontractors, and the community, fostered trust and collaboration, it was our team's culture of mutual respect and open communication that most facilitated a positive working environment that ultimately delivered key infrastructure to a community that would have otherwise unduly suffered in their day to day lives."



CATEGORY

1 EMERGENCY CONDITIONS REQUIRE EMERGENCY RESPONSE



PROJECT: Kaipatiki Retaining Wall

CONTRACTOR: Fulton Hogan

CLIENT: Auckland Transport

VALUE: \$642,193

Fulton Hogan was AT's first port of call when two slips occurred on Kaipatiki Road on the North Shore because of Cyclone Gabrielle in early 2023.

A design and construct approach between Fulton Hogan (FH) and Total Ground Engineering (TGE) was the trusted pathway forward. FH and TGE had built a long-standing relationship delivering retaining walls and other similar work, ensuring AT was in good hands. The project was completed under emergency works, meaning time was of the essence.

With multiple contractors working in very close proximity a "one team" approach was applied across the different teams. Quick

thinking and numerous meetings to devise a workable solution meant many teams could work safely in the same place at the same time. An overarching Traffic Management Plan already in place for the site was used by multiple contractors and the road remained open, albeit down to single lane for the duration of the works.

The spirit of collaboration throughout the project ensured that the client was happy and enjoyed regular visits to site and engaging interactions with the site teams. The retaining wall was completed in just over two months between August and October.



CATEGORY

1 MORE THAN SAFE PASSAGE: A DESTINATION

PROJECT: Manganui Gorge Bridge

CONTRACTOR: Abseil Access

CLIENT: Department of Conservation

VALUE: \$1,180,892

The iconic Manganui Gorge bridge has been on the much-needed list for the Taranaki area for over 10 years. The track to the mountain and the ski field crosses the hazardous and avalanche-prone 50m deep gorge. The complexity of the design, high altitude (1300m) and high wind loading required a special design completed by DC Structures Studio.

Abseil Access won the tender for the construction based on previous experience with DoC and the necessary attributes for all aspects of the build. Abseil Access was on site for five months from October 2023 to April 2024.

The foundations on volcanic rock required 22 drill rock bolts up to 11m deep. The angled towers (25m and 6m) required complex logistics for installation as they needed to be flown in and landed accurately on the bolt clusters. The cables, hangers and decking units were assembled at the road end then flown in and positioned by helicopter.

The art panels, 3D mast shroud and 3D taniwha (with touchstone) were made in 316 stainless steel and designed by Ngati Ruanui.

The structure has been an instant success and sees users every day in all weathers.



CATEGORY

1

GIVING BACK TO A COMMUNITY

PROJECT: Floating Pontoon and Boat Ramp

CONTRACTOR: CB Civil and Drainage

CLIENT: Bay of Plenty Coast Rowing Club

VALUE: \$220,759



The Bay of Plenty Coast Rowing Club approached CB Civil to undertake the construction of a new floating pontoon and boat ramp at its club on the shores of the Wairoa River near Tauranga.

As a not-for-profit community organisation, the club had a very tight budget based on funding it had received. Whitebait spawning season in the river, starting February 1, required the works to be undertaken in the middle of the extremely busy summer season.

Luckily though, with high school on holiday, training for rowing's highly competitive Maadi Cup was minimal over the holidays. The project began

in November 2023, with completion February 2024.

CB Civil joined the project early enough that it could assist the club and consultants OCEL to mature the design and understand many of the project's constraints.

The location and funding of the project meant that finding a contractor who could undertake the works was never going to be an easy task. "We were approached on the recommendation of a member who was impressed with our work on a project. We were more than happy to give back to our community and help the passionate members of this club achieve their goals."



CATEGORY

2 HELPING TO KEEP COROMANDEL CONNECTED

PROJECT: SH25A Taparahi Slip Remediation
Slope Protection Works
CONTRACTOR: Geovert
CLIENT: McConnell Dowell Constructors
Fulton Hogan Joint Venture
VALUE: \$2,607,245

Winning the race against time truly tested the capabilities, resilience, and commitment of everyone involved in the reinstatement of SH25A, a crucial link for Coromandel communities.

To protect the structural integrity of the new Taparahi bridge between Kōpū and Hikuai, JV partners McConnell Dowell and Fulton Hogan, supported by designers Beca and Tonkin and Taylor subcontracted Geovert to undertake slope stabilisation.

Through an early initiative to recruit internationally, Geovert brought together an eclectic and experienced team from across the globe – UK, Canada, Europe, Indonesia, Philippines, Africa, and USA. The fast-track nature of the project resulted in design running

concurrently with construction creating complexity and challenges with rapid and constant scope development and multiple subcontractors working on site.

Mobilising in August 2023, Geovert pulled out all stops to consistently meet critical milestones under the tight timeline, rapidly mobilising crew, plant, and equipment to meet evolving demands.

The combination of trust, collaboration, commitment, accountability, and safety by everyone involved on SH25A, Taparahi Slip Remediation proved to be a masterclass project with the rebuild completed three months ahead of schedule and the bridge opened to traffic on 20 December 2023.



CATEGORY

2 ROUNDABOUT RENEWAL REDUCES CONGESTION



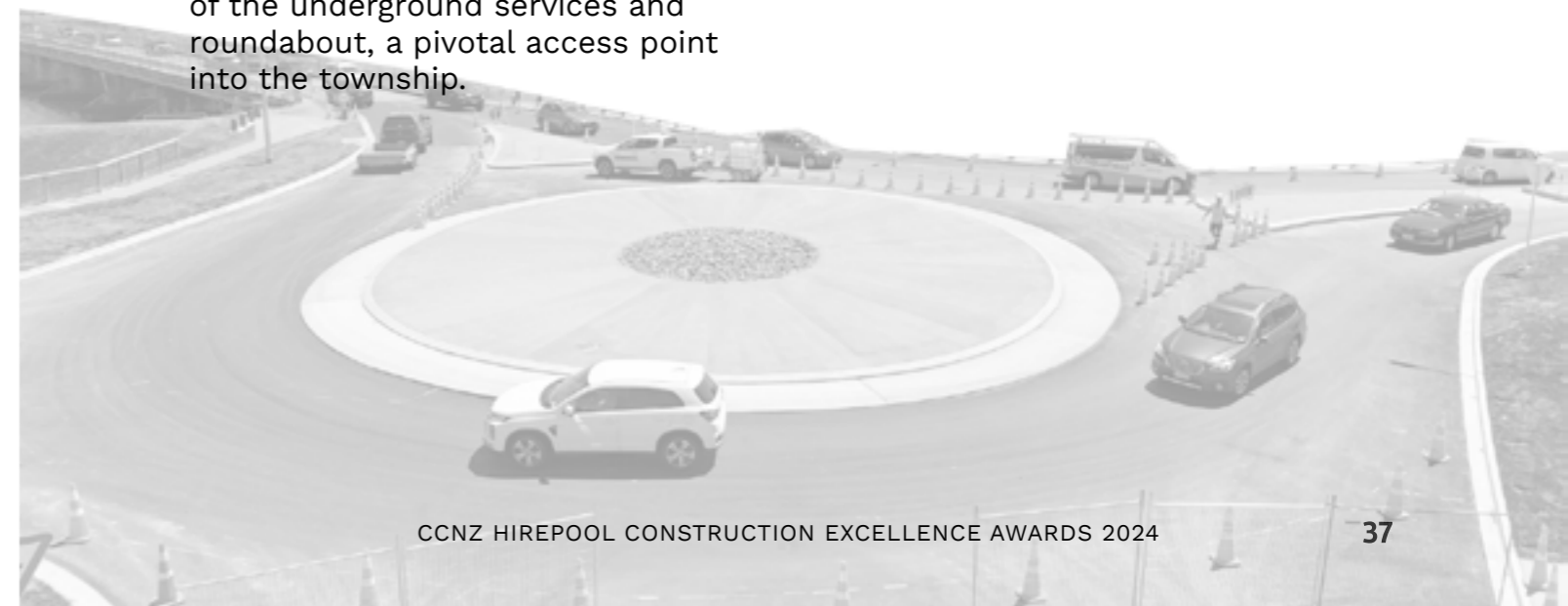
PROJECT: Whakatane District Council SP24-003
Landing Road Roundabout Reconstruction
CONTRACTOR: Waiotahi Contractors
CLIENT: Whakatane District Council
VALUE: \$2,224,933

Embarking on a journey to enhance Whakatane's vital gateway, the Landing Road Roundabout Reconstruction project represents a significant transformation at the intersection of Landing Road and Hinemoa Street.

With unwavering dedication to quality, safety, and community impact, the project redefined the travel experience for residents, local businesses and visitors, alleviating traffic congestion at the town's main access point.

Commissioned by the Whakatane District Council, this project took just three months to complete, between September and December 2023. Through meticulous planning and innovative solutions, the project entailed a complete reconstruction of the underground services and roundabout, a pivotal access point into the township.

The Landing Road Roundabout Reconstruction project captures the essence of an effective partnership and a commitment to enhancing infrastructure for the betterment of Whakatane and its people.



CATEGORY

2 PLAYSPACE PROVIDES AN ENDURING CONNECTION

PROJECT: Te Aro Mahana Playspace (Frank Kitts Park)

CONTRACTOR: Downer

CLIENT: Wellington City Council

VALUE: \$2,562,454

Te Aro Mahana Playspace was formerly known as Frank Kitts Park before Mana whenua Taranaki Whānui ki te Upoko o te Ika gifted the new playspace the name Te Aro Mahana. It was officially opened on 29th February 2024 and offers an interconnected playspace on the Wellington waterfront that incorporates maritime and coastal landscape themes.

The project included an upgraded lighthouse structure with refurbished cupola dome, installation of reinforced concrete elements including wet pour concrete (330m²), concrete edging (50m²), and asphalt paths (256m²) and an interactive waka named Whetuu Maarama.

Downer worked with Council following the liquidation of the original contractor through a Caretaker and ECI approach offering value engineering through design changes such as the use of fibreglass instead of steel for the lighthouse along with proposed modifications to the retaining walls, resulting in cost and time savings.



CATEGORY

2 VISITOR GROWTH TRIGGERS NEED FOR UPGRADE



PROJECT: Pāpāmoa Hills Cultural Heritage Regional Park Site Two Entry Re-development
CONTRACTOR: HEB Construction
CLIENT: Toi Moana Bay of Plenty Regional Council
VALUE: \$3,200,000



The Pāpāmoa Hills Upgrade Project, at the Pāpāmoa Hills Cultural Heritage Regional Park in Tauranga, was initiated by Toi Moana Bay of Plenty Regional Council to enhance visitor facilities and preserve the site's rich cultural heritage. Managed by HEB Construction, the project ran from February to November 2023. Key consultants included Law Creative, Boffa Miskell, WSP and Stratum Consultants.

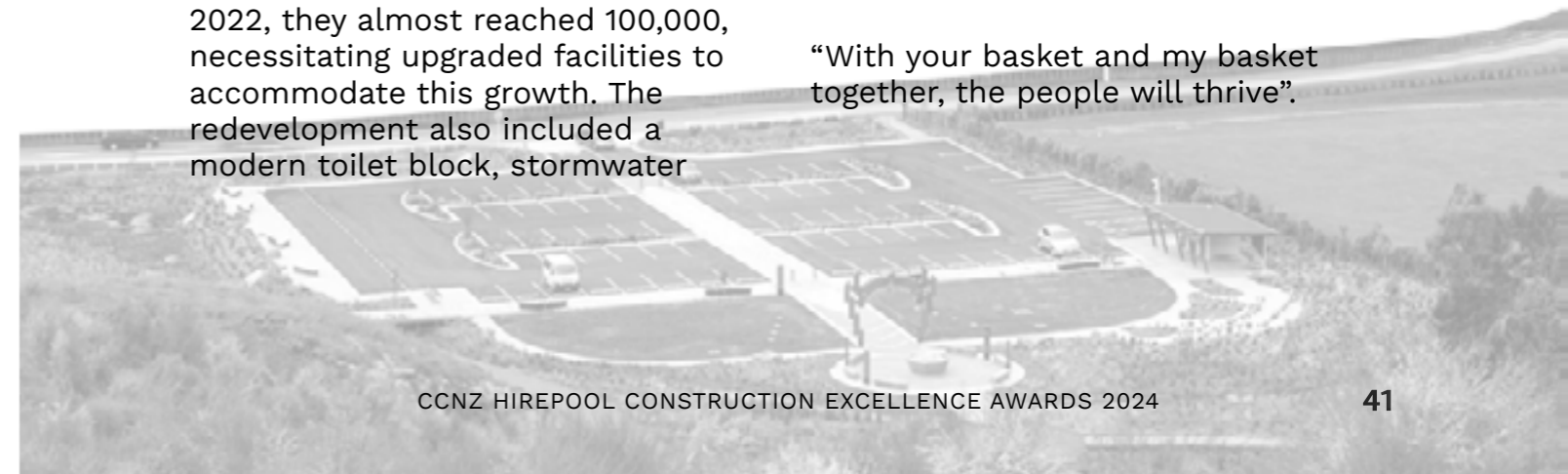
The project involved constructing a new carpark with over 80 additional spaces, a tomokanga (gateway), pedestrian bridges, and extensive landscaping. In 2016, annual visitor numbers were nearly 60,000; by 2022, they almost reached 100,000, necessitating upgraded facilities to accommodate this growth. The redevelopment also included a modern toilet block, stormwater

management systems, and interpretive signage highlighting the site's historical significance. Through a collaborative effort with local iwi, including Ngāti He, Waitaha, Ngā Pōtiki, and Ngāti Pūkenga, the project successfully integrated cultural narratives and enhanced the visitor experience while ensuring environmental stewardship.

This project serves as a symbol of effective partnership and innovative design, catering to the growing number of visitors while safeguarding the cultural and natural heritage of Pāpāmoa Hills.

“Nau tou rourou, naku tou rourou, ka Ora nga tangata”

“With your basket and my basket together, the people will thrive”.



CATEGORY

2 RECONNECTING CYCLONE-DAMAGED RAIL

PROJECT: Tahekeroa Road Slip Recovery

CONTRACTOR: Downer

CLIENT: Auckland Transport – JV with KiwiRail

VALUE: \$4,500,000

In early 2023, Auckland and Northland faced unprecedented rainfall including Cyclone Gabrielle, causing catastrophic flooding and disrupting vital transport networks. Downer rose to the challenge, collaborating with its clients Auckland Transport, KiwiRail and consultants ENGEO to deliver the Tahekeroa Road Slip Recovery works and restore connectivity for communities North of Auckland.

With its purpose of “Enabling Communities to Thrive”, Downer embarked on a collaborative effort to reopen Tahekeroa Road and repair the damaged North Auckland Line (NAL). Downer was able to start work early March, re-

storing all affected critical infrastructure by the end of September. Despite harsh winter conditions, the teams worked tirelessly, prioritising safety and well-being throughout the works.

Innovations drove the approach, such as utilising onsite materials for efficiency and sustainability, reducing costs and emissions.

Despite the complexity of the task, Downer completed the project without incidents, demonstrating our commitment to protect our people and communities, all while minimising environmental impacts and maximising safety outcomes.



CATEGORY

2 LET THE GAMES BEGIN



PROJECT: Hayman Park Playground Development Phase 2

CONTRACTOR: HEB Construction

CLIENT: Eke Panuku Development Auckland

VALUE: \$4,900,000

The Hayman Park Development Phase 2 – Physical Works is part of Eke Panuku’s Transform Manukau programme and represents a new centre of adventure for the children of South Auckland. The \$4.9m project was a collaboration between Eke Panuku, Otara-Papatoetoe Local Board, and local iwi and a multitude of designers, suppliers, subcontractors and consultants.

HEB was engaged as lead contractor to deliver the second phase which included the construction of the tallest play tower in the country. It is 12.8m/ four storeys tall and the largest in Australasia with a 112m² floor. It is made from huge glulam timber frames and structural steel with hardwood and steel mesh panels.

Other features installed in the playground included a bump track, flow bowl, agility and wheelchair-friendly play equipment, a double flying fox, half basketball court, and soft fall surfacing.

The project started in January 2022 and finished the day before the park’s opening on 21 July 2023, despite design changes, the intense rainfall causing the Auckland floods, and Cyclone Gabrielle. To make up time, HEB successfully brought in more people and safely managed up to 25 people on site without incident all working as one team to not let the kids down.



CATEGORY

2 NO LONGER “SLIP SLIDING AWAY”

PROJECT: 32 Awatea Road Remediation Project

CONTRACTOR: Brian Perry Civil, Waikato

CLIENT: Body Corporate 32 Awatea

VALUE: \$3,130,000

Positioned on the edge of a 35 metre cliff in Auckland’s inner-city Parnell-Hobson Bay, the 32 Awatea Road project was initiated in response to severe landslips triggered by unprecedented storm events of 2023.

Our solution centred on the installation of 34 deep foundation piles, reinforced with a strategically placed capping beam and palisade wall. This integrated system provides engineered stability to the previously jeopardised high-end residential properties, ensuring their safety for generations to come.

The complexity of the project was heightened by the limited access to the site – only 1.5m wide – and proximity of neighbouring properties.

BPC navigated these challenges with ingenuity, employing a specially designed track and dolly system to transport materials efficiently without disturbing the local community.

The use of technology such as drone monitoring and remote-controlled piling rigs ensured quality was met but also safety for our team and the environment.

Environmental considerations were also front of mind for the BPC team. From protecting the native Pohutukawa trees to implementing advanced siltation and runoff management systems, our efforts ensured minimal ecological impact. Together with our stakeholder engagement, this project lived up to BPC’s core value of the Complex Made Possible.



CATEGORY

2 ROAD REPAIRS FOR HISTORIC COAL-MINING SETTLEMENT



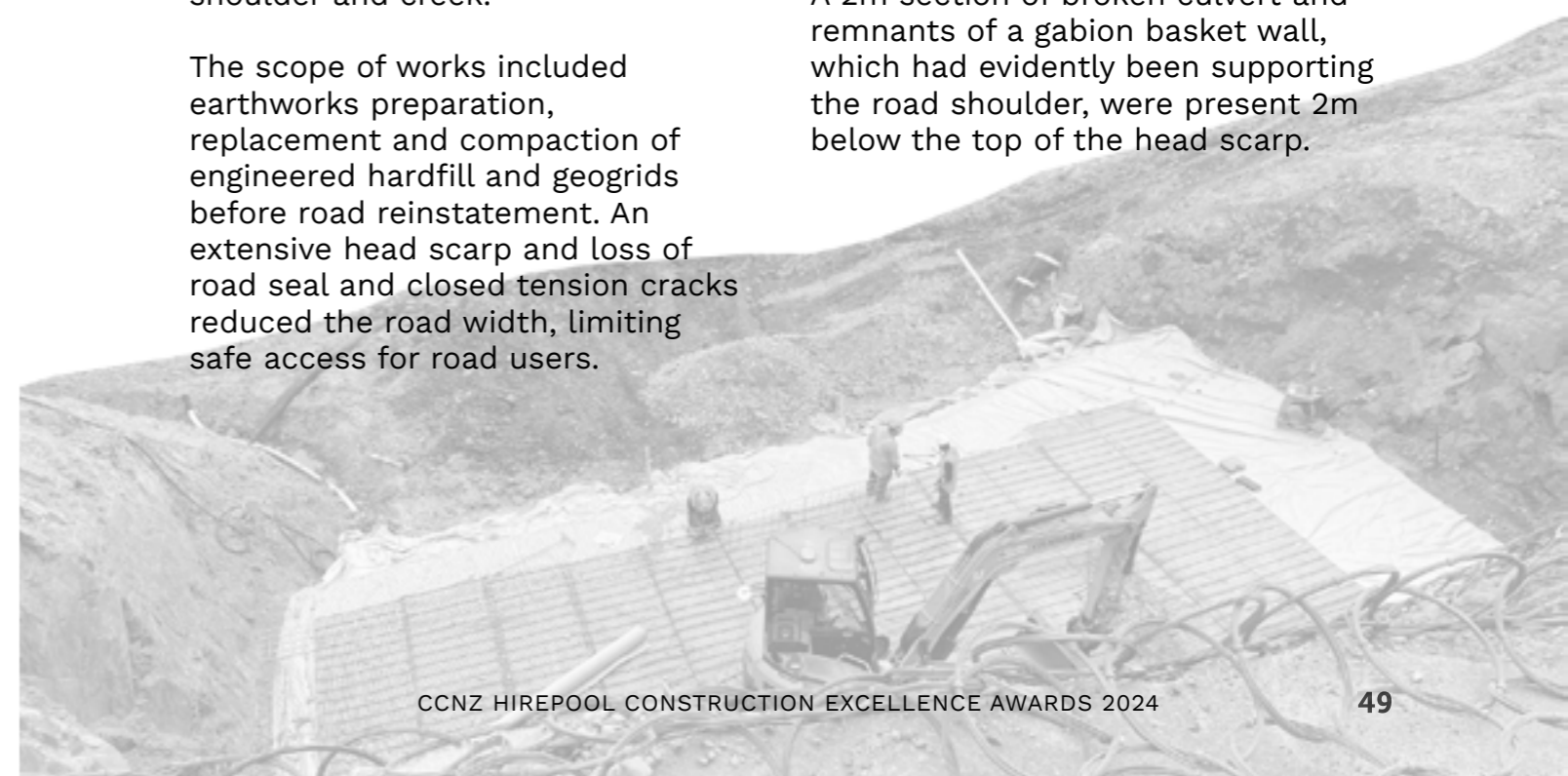
PROJECT: Bundle 6 Denniston Road Remedial Works
Contract 22/23/14
CONTRACTOR: Isaac Construction
CLIENT: Buller District Council
VALUE: \$3,190,000

Isaac Construction completed road landslip repairs across seven sites on Denniston Road in Buller. Five of these sites required complex retaining walls to reinforce the road and provide culverts and two sites required removal of uphill slip material. The completed works stabilised the road and provided a culvert to collect water from a table drain along the upstream road shoulder and creek.

The scope of works included earthworks preparation, replacement and compaction of engineered hardfill and geogrids before road reinstatement. An extensive head scarp and loss of road seal and closed tension cracks reduced the road width, limiting safe access for road users.

The road also had a 2m high 60° to 80° head scarp immediately beneath it, which gave way to a debris slope dipping at approximately 30° for approximately 15m. A damaged 450mm diameter culvert was exposed mid-way down the head scarp exposure and at the time of investigation, a plastic sleeve was directing water downslope.

A 2m section of broken culvert and remnants of a gabion basket wall, which had evidently been supporting the road shoulder, were present 2m below the top of the head scarp.



CATEGORY

2

TAWHAKI NATIONAL AEROSPACE CENTRE RUNWAY CONSTRUCTION

PROJECT: Reaching for the Stars

CONTRACTOR: Downer

CLIENT: Tawhaki Joint Venture

VALUE: \$2,950,000

The Tāwhaki National Aerospace Centre runway construction project showcases collaboration and excellence in delivery.

Tāwhaki National Aerospace Centre is located at Kaitorete (southwest from the Banks Peninsula, Canterbury). The construction of the greenfields runway contributes great outcomes for Canterbury's economy, the indigenous people of Kaitorete Wairewa Rūnanga and Te Taumutu Rūnanga, and New Zealand's involvement in the international aerospace industry.

Downer was privileged to partner with Tāwhaki Joint Venture (a partnership between the New Zealand Government and the indigenous people of Kaitorete Wairewa Rūnanga and Te Taumutu Rūnanga. Other parties were consultant Tactical Group, and designer Beca.

Downer's partnership with Tāwhaki began in 2022 and demonstrates the best of what contractors can do to assist customers to achieve their desired outcomes.;

Collaboration with all parties enabled successful funding applications and fit-for-purpose, cost-effective project scoping and concept designs.

Partnership with the local contracting market to 'pull out all the stops' enabled a fast-tracked result to meet commercial requirements.

The project team worked to overcome technically difficult site conditions to deliver excellence; and enable continued commercial operations during construction.

The project was completed in three months on 25 January 2024, on time and budget.





CATEGORY

2

HIGH-RISK ENVIRONMENT'S LEARNING OPPORTUNITIES

PROJECT: Taieri River Bridge Barrier Replacement

CONTRACTOR: Downer

CLIENT: NZ Transport Agency Waka Kotahi (NZTA)

VALUE: \$2,200,000

The Taieri River Bridge Barrier Replacement project redefines safety and technical innovation in a high-risk environment and delivered high quality outcomes for road users.

NZTA tasked Downer's Otago team to replace the Taieri River Bridge's aged and damaged wooden guardrails with a new Thriebeam barrier system. The 400m of guardrail on each side of the bridge was to be supported by over 200 new supporting brackets, each weighing over 100kgs.

This project created a challenging environment for the team with technically difficult conditions, with the risk of working in heavy traffic, manual handling, and no

traditional fall protection while working at height and over water. Downer's team successfully minimised the risks by working collaboratively with its supply chain, NZTA and WSP to harness innovations that addressed both the technical difficulties and safety issues to create quality outcomes in a safe working environment.

The innovations developed on this project provide a template for future projects of this nature with solutions for safety, time, quality, budget and stakeholder satisfaction.

The work commenced in September 2023 and completed in December 2023 just in time for the summer holiday season.



CATEGORY

3 ENSURING RESILIENCE, SECURITY AND GROWTH

PROJECT: Orion 66kV Bromley Substation to Milton Substation

CONTRACTOR: Isaac Construction

CLIENT: Orion New Zealand

VALUE: \$18,000,000

Orion NZ awarded Isaac Construction a logistically challenging project to install a new 66kV cable between Bromley and Milton Substations in Christchurch.

The project involved 7.5kms of trenching, with 3.6kms at depths of just over 1.5m, requiring significant dewatering and complex traffic management around multiple Level 2 roads. To complete the 1.5km section along SH76, the team worked seven nights per week, minimising the impact on traffic and nearby residents.

A high-functioning team comprising Isaac Construction and Connetics collaborated to overcome archaeological, environmental, and stakeholder challenges, meeting

requirements from NZ Transport Agency Waka Kotahi and KiwiRail. Innovations, including the city-wide traffic network modelling and custom steel plate systems for temporary works, which ensured the project met all safety and design standards.

This \$18m project, delivered from November 2022 to June 2024, included extensive project management and stakeholder engagement, resulting in minimal public disruption and high client satisfaction. The project highlights Isaac Construction's team's ability to deliver complex infrastructure efficiently and effectively within an urban environment.



CATEGORY

3

NEW BRIDGE FOR SAFE SEPARATION OF ROAD AND RAIL



PROJECT: SH30 Kopaki Bridge Replacement

CONTRACTOR: Downer

CLIENT: NZ Transport Agency Waka Kotahi (NZTA)

VALUE: \$14,821,244

Successful delivery of SH30 Kōpaki Bridge Replacement provided significant safety improvements to this route, while maintaining roading and rail connections throughout the construction.

and waler beam wall in place of the originally designed standard sheet pile wall, and a 4m deep undercut and replace next to the stream, where the ground was at greatest risk of collapse.

Downer was awarded the project in April 2021 and completed the replacement of the 100-year-old existing timber bridge with a more resilient Super T structure, and the realignment of the SH30 / Kōpaki Rd intersection.

Covid-19 delays resulted in 116 lost days on site, and the programme experienced further delays when the 3D model detected clashes with reinforcing in the bridge deck.

Challenges included a constrained site, next to the existing bridge and over the NIMT rail line and Paritikonā Stream, mitigated using the largest crane in New Zealand for bridge beam placement. Weak ground conditions required multiple resolutions, including significant dewatering, a buttressed sheet pile

Through collaborative and comprehensive management, delays were absorbed, and the team achieved Practical Completion on time, achieving a final PACE Score of 87 percent – rated superlative, with zero impact on the environment or live rail operations.

CATEGORY

3 RECREATION CENTRE'S PONTOON BUILT TO IMPRESS

PROJECT: Hobsonville Marine Recreational Centre

CONTRACTOR: Oxcon

CLIENT: Kāinga Ora

VALUE: \$7,900,000

Located at Hobsonville Point, Auckland, this ambitious project was commissioned by Kāinga Ora with architectural and engineering expertise provided by SGA and JMA. As the main contractor, Oxcon spearheaded the development from May 2023 to May 2024, navigating through intricate challenges with expertise and innovation.

This state-of-the-art construction includes a 46-metre jetty, a 250-square-metre floating pontoon, and over 1000 square metres of hardwood decking, demonstrating Oxcon's commitment and capability to quality and environmental sustainability.

The project significantly enhances the local infrastructure, providing the community with vital water

access and serving as a vibrant new recreational hub for the Hobsonville Yacht Club and other local groups.

Embodying a blend of complex engineering and aesthetic excellence, the centre represents Oxcon's precise execution and innovative construction techniques.

This landmark development not only met but exceeded stringent environmental and quality standards, showcasing Oxcon's ability to deliver outstanding results under demanding conditions.

The Hobsonville Marine Recreation Centre is a prime example of how dedication, collaboration, and strategic planning culminate in a facility that profoundly connects and enriches the community.





CATEGORY

3 PUMP STATION REQUIRES INNOVATIVE SOLUTIONS

PROJECT: Taranaki Street Pump Station

CONTRACTOR: Brian Perry Civil

CLIENT: Wellington Water

VALUE: \$8,400,000

Meticulous planning, smart thinking, and a commitment to excellence, underpinned Brian Perry Civil's successful delivery of the complex Taranaki Street Pump Station, designed by GHD for Wellington Water.

The tight central Wellington location and very challenging ground conditions demanded that the team stretched their thinking to deliver on all fronts over the two-year project (June 2022 – March 2024), their achievements even more impressive because of the limited experience of key team members.

The high ground water table rendered normal construction methods impossible as dewatering was not an option. A typical excavation with sheet piles wouldn't work, neither would a segmental caisson approach, and vibration issues ruled out bored piles.

A secant wall was used, with 19m deep CFA piles the only practical option. To avoid using lots of polystyrene or expensive steel form to build the secant pile guide wall, the team devised an innovative method using interlocking cardboard tubes, slotted together to ensure rigidity.

Difficult ground conditions challenged the team throughout the project, which meant a lot of intended methodologies needed to be re-imagined, planned, and delivered.

With businesses and many apartment dwellers significantly impacted by the works, effective stakeholder engagement was critical to the project's successful delivery.



CATEGORY

3 HEB REPLACES BOP WASTEWATER PIPELINE

PROJECT: Te Maunga Outfall Landward Section

CONTRACTOR: HEB Construction

CLIENT: Tauranga City Council

VALUE: \$13,500,000

Te Maunga Outfall Landward Section upgraded Tauranga City's wastewater infrastructure.

Between April 2021 and March 2023, lead contractor HEB Construction installed 1700m of new pipeline to carry treated effluent between Te Maunga Treated Wastewater pumpstation and Maranui Street.

The continuously welded 1200mm diameter polyethylene pipe replaced the previous 600mm pipeline, providing increased capacity to support Tauranga's rapidly growing population. Using a cured-in-place method, HEB also re-lined the existing 600mm diameter concrete outfall pipeline to the beach, significantly increasing its life expectancy.

With both lines now expected to have a 100-year operational life, this infrastructure will support Tauranga's communities now and into the future.

This project was extremely complex, requiring innovative thinking and rigorous planning to navigate technical and logistical challenges.

HEB's planning, risk identification, and understanding of TCC's requirements paid off. Navigating Covid-19 lockdowns and supply chain disruption, they met TCC's timeframe and came in significantly under budget, with TCC using saved costs to improve other parts of its water network.

This success is collective, founded on collaboration and trust between HEB, TCC, design partners GHD, Beca, and Tonic, subcontractors, suppliers, and the Tauranga community



CATEGORY

3 LIBRARY SAFE FOR GENERATIONS TO COME



PROJECT: Te Matapihi Wellington Library Strengthening Works

CONTRACTOR: Brian Perry Civil

CLIENT: LT McGuinness

VALUE: \$6,300,000

BPC's team used their specialist skills and experience to develop an innovative approach to deliver bored piling in very low headroom as part of the seismic strengthening of Te Matapihi Wellington Library. Together with main contractor LT McGuinness and design consultant Aurecon, the complex works were delivered in the capital's CBD from February to September 2023 – completed two months ahead of programme and without any injuries or significant incidents.

fabricating and procuring a new mast and Kelly bar from Geax in Europe.

Specialist solutions were developed to lift the heavy reinforcing cages and pile casings inside the building, along with a cage splicing system procured from the UK. A dedicated, tight-knit BPC team took great pride in delivering this complex project to ensure Wellingtonians can safely enjoy their much-loved library for generations to come.

Smart thinking was required to construct the 19m deep, 900mm diameter piles inside the existing building in headroom of only 6.5m. Significant alterations were made to BPC's piling rig by custom



CATEGORY

3 MORE THAN JUST A BRIDGE

PROJECT: Rangioru Interchange (Overbridge)

CONTRACTOR: Brian Perry Civil

CLIENT: Quayside Properties

VALUE: \$6,403,127

The Rangioru Interchange Project, located on SH2 Te Puke, is a showcase of construction excellence by BPC for Quayside Properties, with consultancy from BBO. BPC successfully installed eight 65-tonne precast bridge beams over the SH2 Tauranga Eastern Link Toll Road, managing high traffic volumes (21,000 vehicle movements a day) and tight schedules.

Despite the challenges posed by weather delays and the absence of MSE walls, BPC's well-designed temporary works ensured seamless progress.

The team's dedication to safety resulted in zero lost time injuries and medical treatment injuries, highlighting its strong safety culture.

Collaborative efforts with Higgins and HEB Construction, along with effective traffic management, minimised disruption and kept the project on track. Proactive strategies and the use of Procore for project management allowed us to deliver the project on time and within budget.

The Rangioru Business Park Interchange is more than just a bridge; it's a vital link that will support up to 4000 high-quality jobs and boost the local economy. This project exemplifies our commitment to innovation, quality, and community impact.



CATEGORY

3 PLACEMAKING FOR PEOPLE



PROJECT: Rototuna Village – Public Realm

CONTRACTOR: Schick Civil Construction

CLIENT: Hamilton City Council (HCC)

VALUE: \$16,450,000

Rototuna Village Public Realm is the latest enhancement to the thriving suburb of Rototuna North in Hamilton. Schick Civil Construction had the privilege of executing this significant project on behalf of the HCC. The design, developed by consultants from AECOM and Harrison Grierson, aims to create an engaging and lively environment for the community.

These improvements are set to significantly benefit the residents and visitors of Rototuna North, providing them with improved infrastructure and vibrant recreational areas, thereby enriching the overall quality of life in this growing suburb.

The construction work, which commenced in April 2022, culminated in December 2023. Schick Civil Construction successfully delivered a range of new and upgraded facilities, including additional carparks, enhanced roads, a skatepark, a modern playground, and public spaces.



CATEGORY

3 WHARF UPGRADE PLEASES PRIMEPORT

PROJECT: PrimePort North Mole Upgrades

CONTRACTOR: Fulton Hogan

CLIENT: Timaru Port

VALUE: \$10,500,000

Timaru PrimePort, a multipurpose international port facility needed significant upgrades to its timber wharves, with the main requirement of accommodating the Port's operational activities. After completion of works on the No. 1 Wharf, Fulton Hogan was the preferred contractor for Stage 1 of the North Mole project.

Timaru Port subsequently awarded Fulton Hogan a further three stages, and began negotiations for the fifth stage, which Fulton Hogan attributes to its "innovative approach, excellent programming and stakeholder engagement".

Project works included the replacement of timber piles and beams, installation of steelwork, construction of a new concrete

deck and installation of new bollards and a fendering system. Project objectives included timely completion, delivering value for money, protecting the environment as well as producing exceptional project outcomes driven by a culture of innovation.

Open and honest communication was key on this project due to works being undertaken in an operational wharf environment, with programming planned around shipping and heavy vehicle movements.



CATEGORY

3

**A WIDER BRIDGE
SAFER FOR
EVERYBODY**



PROJECT: Ngāpipi Pedestrian Bridge

CONTRACTOR: HEB Construction

CLIENT: Auckland Transport (AT)

VALUE: \$7,339,000

The Ngāpipi Pedestrian Bridge for AT was designed by Beca, and built by HEB Construction, with Alta as the contract engineer.

Set in Auckland's scenic coastal environment of Hobson Bay and Waitematā Harbour, the Ngāpipi Pedestrian Bridge was a critical infrastructure upgrade designed to improve safety and connectivity for pedestrians and cyclists along Tāmaki Drive.

The project began in February 2023, and was completed on March 2024. It showcased the integration of nature-based solutions, using nature to do the heavy lifting to protect the existing road bridge structure. The standalone pedestrian bridge complements the

existing structure, offering expanded pathways and a seamless connection between the Auckland CBD and the surrounding suburbs while ensuring a safer, more sustainable route for the community.

Through collaboration, innovation, and technical marine construction, the Ngāpipi Pedestrian Bridge sets a standard for infrastructure projects. It reflects excellence in urban infrastructure, blending functionality with environmental consciousness and showcases effective collaboration and advanced engineering solutions.



CATEGORY

3 KEEPING THE TAPS TURNED ON

PROJECT: The Heathcote Valley Kurimoto Pipeline Project

CONTRACTOR: Utilities Infrastructure NZ (UINZ)

CLIENT: Christchurch City Council

VALUE: \$7,369,575

This project involved the installation of 1500 metres of Kurimoto seismic-resilient ductile iron pipe (SRDIP), a cutting-edge solution for underground utility infrastructure resilience in one of Christchurch's seismic and natural disaster-prone areas.

The new pipeline replaced the aging trunk water supply main servicing Lyttelton, including the port and associated fuel storage facilities. This established the pipeline as a critical piece of infrastructure essential for the area's lifeline services.

In collaboration with the Christchurch City Council, UINZ employed a forward-thinking approach to fortify against unforeseen challenges. They

adapted to new Japanese-designed jointing and quality conformance requirements, ensuring that communities like Christchurch benefit from state-of-the-art pipeline infrastructure.

Notably, the installation of the pipeline marked the South Island's inaugural deployment of a fully operational seismic-resilient line of its kind.



CATEGORY

3 NORTHLAND LIFELINE SECURED



PROJECT: Slip Remediation at Brynderwyn Hills

CONTRACTOR: Goodman Contractors

CLIENT: New Zealand Transport Agency Waka Kotahi (NZTA)

VALUE: \$9,737,701

Goodman Contractors subcontracted to Fulton Hogan on the high-profile Slip Remediation at Northland's Brynderwyn Hills for NZTA. The work was to remedy damage caused by multiple weather events, including Cyclone Gabrielle in 2023. Lead contractors were Fulton Hogan and WSP.

The high-risk work Goodmans was subcontracted to undertake required a large volume moved in a very short timeframe. It was difficult work in difficult ground conditions. It required demanding resourcing with a short and detailed planning phase. Additionally, the works required a high level of technical expertise.

Goodmans completed the original volume within seven working weeks. This is a high achievement considering the site conditions, the constraints on the site, the sheer volume needed to be shifted and the logistical challenges.

Mass earthworks started on 26th February 2024 with original contract earthworks practically complete by 26th April when we had started to demobilise site. Further slip activity changed this plan and a variation to the contract was made following the slips in late April. The road was eventually reopened at the end of June 2024.



CATEGORY

3 A SYMBOL OF RENEWAL

PROJECT: Christchurch Coastal Pathway Works – Monck’s Bay

CONTRACTOR: Fulton Hogan

CLIENT: Christchurch City Council

VALUE: \$19,572,367

The Te Ara Ihutai Coastal Pathway is a symbol of renewal after the devastation of the Christchurch earthquakes, and a powerful link between the city and nature.

The narrow road corridor and tidal area required precise coordination and planning – a combination of environmental stewardship and innovative engineering. It met more than 300 consents to protect local wildlife, including the white-flipped penguin, and to avoid discharges into the fragile estuarine environment.

The cantilevered path, narrow road corridor and tidal environment required precise coordination and planning to minimise the effect on the marine environment life, residents and road users

balancing the needs of the future with the practical needs of residents to navigate through a long worksite.

It’s a reminder that while these projects bring major benefits, they are only possible in the first place, if they can be built with the promise of minimal disruption.

It epitomises the power of collaboration, meticulous planning, and dedication to environmental protection. The pathway enhances the recreational opportunities for residents and visitors and reflects deep respect for nature and community.



CATEGORY

3 FLYING HIGH



PROJECT: Whanganui Airport Resealing

CONTRACTOR: Fulton Hogan

CLIENT: Whanganui Airport

VALUE: \$6,395,000

Regional airports are critically important to their communities. They also have, critically, little tolerance for risk, price and time over-runs. The Whanganui Airport Resealing project shows how a design-and-build approach, involving the best of Australian and local airport development expertise, can address these realities by integrating all aspects of the supply chain, from concept to design to project sign-off, to complete the project in just four months, within a relatively modest budget and via a single point of contact.

The approach gave Whanganui Airport the oversight of the most significant airside works the airport has undertaken, allocated risks more fairly, and ensured those risks were identified and minimised

through a seamless design and build process. A specialist team, drawing on the experience of the highly successful design-and-build project at Tauranga Airport, canvassed the multiple options for achieving the improved surface the airport needed, within Whanganui's budget.

For an airport with growing traffic volumes and plane sizes, an international air training school and at the heart of the Whanganui region's economy, this was priceless. The result was a project that would typically take 12-18 months being completed in just four months, for a tendered price of \$6.382m and final cost of \$6.395m, including some minor scope change and additional work.



CATEGORY

3 QUENCHING A CITY'S THIRST

PROJECT: Wairoa 2 – Capacity Upgrade

CONTRACTOR: Brian Perry Civil (BPC)

CLIENT: Hamilton City Council (HCC) and City Waters

VALUE: \$5,223,123

The Wairoa 2 – Capacity Upgrade project by BPC highlights its expertise in managing complex and high-risk construction tasks while enhancing Hamilton's water treatment capacity. This project, executed at the Hamilton City's sole water treatment facility, involved major challenges. These included navigating unknown underground services, culvert protection, deep excavation, strict environmental controls, and complex temporary works.

Working closely with HCC and consultant Neu Flow, BPC used innovative solutions such as eco-friendly polymer sprays and advanced trench shielding and sheet-piling techniques. The team culture emphasised clear communication, and a strong

commitment to safety, resulting in a project completed without any lost time injuries.

This was a local job, and local subcontractors played a vital role. BPC trained over 20 locals in health and safety aspects. Together the team delivered the project within budget and to the revised timeframe.

The Wairoa 2 project has increased the plant's capacity by an additional 40 MLD, raising the city's water resilience while setting new benchmarks in quality, safety and environmental management.



CATEGORY

3 A FARM FIT FOR A KING-FISH

PROJECT: RAS Kingfish Farm

CONTRACTOR: CB Civil and Drainage

CLIENT: NIWA and Northland Regional Council (NRC)

VALUE: \$12,363,668



The NIWA RAS Kingfish Farm project in Ruakaka, Northland, was completed by main contractor CB Civil between September 2021 and December 2023.

Juggling Covid resourcing issues, vaccine mandates, supply chain delays and a full site set out shift, this project tested the teamwork and collaborative abilities of our teams.

This was a NZ-first project, with NIWA constructing the first indoor Recirculating Aquaculture System (RAS) for the sustainable farming of Yellowtail Kingfish, also known as Haku, Yellowtail or Kingi. It was conceived as a joint project between NIWA and NRC.

Through collaboration, innovation and technical engineering planning and delivery, the project was delivered successfully on programme and within budget. The result is a great legacy with up to 600 tonnes of Haku kingfish being able to be harvested from the facility each year and growing NZ's aquaculture industry.

Working alongside consultants Alta, Beca and JLH Consulting, and starting at the outset of the Auckland/Northland Covid border shutdown, the RAS project brought with it a level of complexity not seen before by the CB Civil team.



CATEGORY

3 ROCKIN' ROLLIN' AND RIDIN' RESTORED

PROJECT: Bridge 217 PNGL Rebuild Napier

CONTRACTOR: United Civil Construction

CLIENT: KiwiRail Holdings

VALUE: \$8,600,000

The rebuild of Bridge 217 over the Tutaekuri River south of Napier on the Palmerston North to Gisborne Line (PNGL) for KiwiRail was completed in September 2023.

The rebuild of the 75m long, 6-span bridge, which had been destroyed during the floods of Tropical Cyclone Gabrielle in February of 2023, included around 400m of approach embankments.

Completion re-established the economically important rail link between Napier Port and the lower and central North Island and has since had a positive impact on the volumes of timber, pulp, meat, and log cargoes transported to and from Napier port.

Constructed at pace, works on rebuilding Bridge 217 began in the middle of May 2023 and the first train crossing of the new structure was made 17 weeks later.

Design works for the new structure were undertaken by Gaia (foundation design), Novare (structural design) and Tonkin and Taylor (embankment design).



CATEGORY

4 CLUTHA'S NEW BEAUMONT BRIDGE



PROJECT: New Beaumont Bridge

CONTRACTOR: HEB Construction

CLIENT: NZ Transport Agency Waka Kotahi (NZTA)

VALUE: \$32,900,000

HEB was the main contractor for the New Beaumont Bridge project, a two-lane bridge on SH8 over New Zealand's swiftest and highest volume river, the Clutha River/Mata-Au, in a remote location in Central Otago.

With increased traffic volumes, the existing heritage single-lane wrought iron truss bridge was deemed no longer suitable by client NZTA. The old bridge was repurposed with new shared path linkages constructed on both sides of the river. The spectacular new bridge is made of weathered steel and concrete, is 192m long, 14m wide, and stands 10m above the average river level.

The bridge was designed by WSP within a co-design process with mana whenua and features design and artworks by Kāi Tahu artists revealing mana whenua associations with the area.

Construction of the new bridge began in October 2021 and completed on programme and budget in January 2023, with HEB's innovative temporary work solution mitigating the challenges posed by working in the Clutha River. HEB utilised this remote project as an opportunity to make a genuine difference to the regional economy through support for local contractors and suppliers, with over a third of the spend diverted to businesses in the region.



CATEGORY

4 PICTON FERRY INFRASTRUCTURE UPGRADED

PROJECT: KiwiRail iRex Picton
CONTRACTOR: Isaac Construction
CLIENT: KiwiRail
VALUE: \$25,100,00

With new rail, terminal, and ferry transportation infrastructure commissioned to prepare the port for new ferries, Picton's port required extensive civil construction enabling works. These key enabling works packages needed to be completed to facilitate the overall contract works (at the time \$1-3 billion). Simcox Construction, part of the Isaac Group, was awarded ECI design and build projects divided into four separable portion packages, plus the Waitohi Reserve Package.

These included three complex block-of-line programmes, pipe ramming and directional drilling to accommodate KiwiRail requirements.

Pre-planning the project as several staged packages ensured continuity of service for key stakeholders: KiwiRail Operations, Yard

Movements and NZ Transport Agency Waka Kotahi, Marlborough Roads, Marlborough District Council (MDC), MDC Assets, MDC Parks and Reserves, Port Marlborough New Zealand (PMNZ), NZ Strait Bluebridge, Interislander and WSPJ.

Consideration also addressed limiting the economic and social disruption to local businesses, Mana Whenua, the Picton community and tourism. The project's scope comprised Early Contractor Involvement (ECI), significant design development scope and agreements through Simcox working with WSPJ, KiwiRail and MDC.

This provided the foundations for the design, creating value engineering cost/safety/impact benefits, the ability to fast-track the works and the ability to navigate ever-changing designs and constraints.



CATEGORY

4 RESERVOIR ADD TO AUCKLAND'S CRITICAL INFRASTRUCTURE



PROJECT: Redoubt Road Reservoir

CONTRACTOR: Fulton Hogan

CLIENT: Watercare Services

VALUE: \$65,000,000

Redoubt Road Reservoir marks a significant milestone in Auckland's water future. Located in Tōtara Park, this 45-million-litre reservoir – equivalent to 18 Olympic-sized swimming pools – was part of a broader effort to boost the city's treated water storage capacity and resilience.

Fulton Hogan collaborated with Watercare and Beca to deliver this piece of critical infrastructure. The project, which ran from February 2022 to May 2024, increases Auckland's treated water storage capacity to over 700 million litres and ensures the city is prepared in the event of an emergency.

The Reservoir features post-tensioned, tapered wall panels and

intricate pilaster panels. At face value it could be another square box, like the two boxes adjacent to it, through which 80 percent of Auckland's potable water flows.

But closer inspection shows it's a five-sided square – a sign of the lengths taken to address the limitations of a confined site. Fulton Hogan built the reservoir from the inside out, with a 280T crane inside the reservoir for the majority of the works. Key to constructability was minimising in-situ work in favour of prefabrication.

“this project is a testament to our team's expertise and dedication to delivering world-class infrastructure that meets our community's evolving needs.”



CATEGORY

4 COROMANDEL CONNECTION A CRUCIAL LINK

PROJECT: SH25A Taparahi Slip Remediation

CONTRACTOR: McConnell Dowell Constructors

CLIENT: New Zealand Transport Agency Waka Kotahi (NZTA)

VALUE: \$38,000,000

The extreme weather events in early 2023, including Cyclone Gabrielle, created a 120m long, 20m deep underslip on SH25A in the Coromandel.

NZTA challenged the McConnell Dowell and Fulton Hogan Joint Venture (JV), with design support from Beca and Tonkin and Taylor, to develop an innovative response to this major road rupture. The Taparahi Slip remediation project awarded to the JV in June 2023, five months after the slip, addressed the pressing need to reconnect this route so vital to the region's communities, economy and visitors.

The 124m by 15m high three-span steel/composite bridge was completed, and the road reopened on both side of the road in

December 2023, just seven months, with no lost time injury, and under budget. The remainder of the project was completed in March 2024.

NZTA gave the JV the freedom to accelerate the remediation by adopting a transformational process which, with the benefit of emergency provisions, reduced both timeframes and operational risk.



CATEGORY

4 ANOTHER ARC IN THE RING



PROJECT: Hamilton Ring Road: Wairere Drive Extension & Cobham Drive Interchange Project
CONTRACTOR: Fulton Hogan
CLIENT: Hamilton City Council (HCC)
VALUE: \$53,100,000



Hamilton is now New Zealand's fastest growing city, and its infrastructure has been growing along with it. The Wairere Drive Extension between Cambridge Road and Cobham Drive was the final piece of the 24km Hamilton Ring Road, concluding a 40-year undertaking by HCC.

construction. With BBO as the design consultant and a myriad of Waikato-based contractors completing specialist works, Fulton Hogan delivered an award-winning, high-quality project that opened to the public in July 2022.

Beginning in November 2018, Wairere Drive was extended to connect with what would be the new Waikato River crossing at Peacocke, raising Cobham Drive to accommodate the four-lane Wairere Drive to pass underneath it.

Despite facing significant challenges with Covid-19 lockdowns, unforeseen ground conditions and even the discovery of buried World War II munitions, this project is the epitome of civil construction excellence and a display of the Waikato region's capability.

As an arterial route for commuters, Fulton Hogan accommodated over 25,000 daily vehicle movements to keep Hamilton moving during



CATEGORY

4 PLANNED WHARF REBUILD SECURES REGION'S FUTURE

PROJECT: Wharf 7

CONTRACTOR: McConnell Dowell Constructors

CLIENT: Eastland Port

VALUE: \$45,000,000

Eastland Port, in the heart of Gisborne, awarded McConnell Dowell Constructors (MCD) a design and construct contract to rebuild Wharf 7 in March 2022 after an innovative ECI process and a successful six-month value engineering exercise.

The project was innovative from start to finish. The team reevaluated the design and changed it from a quay wall to a deck-on-pile structure, and drill and drive method reducing risk, saving money and time and reducing carbon emissions.

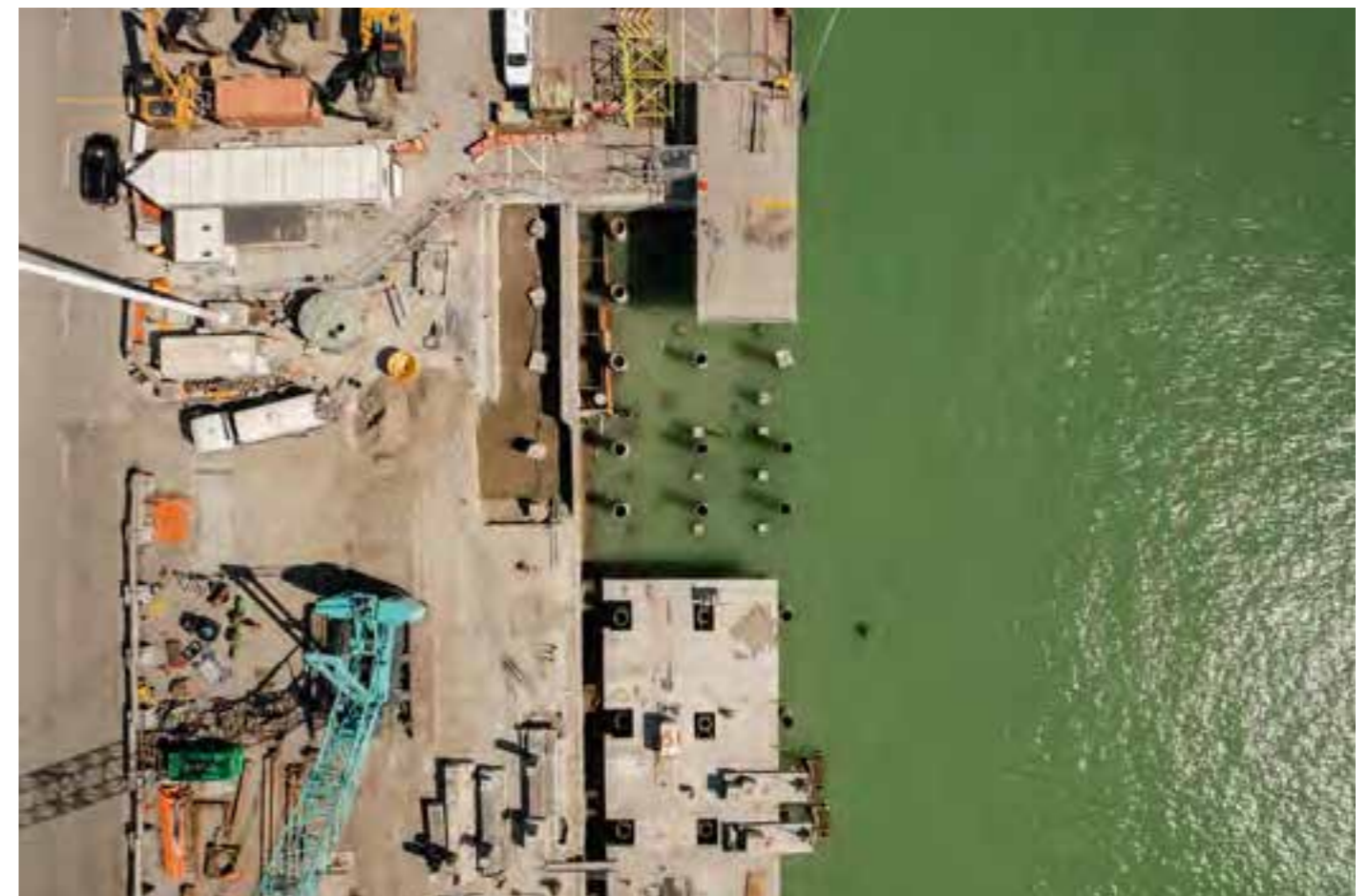
Using 50 percent fewer piles and 70 percent less steel saved on materials and emissions, while the project also avoiding 85,000 tonnes of hard fill and 2830 truck movements. Environmental impacts were minimised, including noise, vibration, seabed and ecology.

And calculations showed more than 13,692 tonnes of CO₂e were reduced in construction from this approach. The team developed a 4D BIM digital model to programme the demolition, construction, and port operations to be carried out safely, simultaneously, and sustainably.

After Cyclone Gabrielle in February 2023, some of the wharf was delivered early by MCD to help the Port keep the regional economy running.

Work was completed in 18 months, under budget (10%), and two months ahead of a programme which had been cut by 12 months in August 2023.

The Port and the contractor delivered exceptional results by collaborating throughout the project, sharing risk and innovating; it is a model example of what a successful ECI can achieve.



CATEGORY

5

REVITALISING GEORGE STREET'S RETAIL HEART



PROJECT: George Street Retail Quarter and Enabling Works

CONTRACTOR: Isaac Construction

CLIENT: Dunedin City Council

VALUE: \$104,930,000

George Street and its surrounding areas have undergone a remarkable \$105 million transformation, completed six months ahead of schedule. The Ō3 Collective of Isaac Construction, Jasmax, and AECOM demonstrated how determination and collaboration can conquer even the most complex challenges.

Kicked off in October 2021, and wrapped up in April 2024, the project aimed to preserve Dunedin's historic charm while managing urban density and outdated infrastructure.

Isaac Construction's approach stood out for innovative solutions and robust stakeholder engagement. The use of ambassadors to navigate disruptions and assist the public daily strengthened community ties and maintained business continuity. Their efforts were particularly

valuable during major events, including sporting events and the return of cruise ships.

The cost-plus contract model allowed Isaac to navigate unforeseen issues without compromising on safety and quality and delivering the project on budget.

DCC praised the team for exceeding expectations in delivery, budget adherence, and community involvement. With a team of 150 the project was a significant boost for local employment and economic growth.

Isaac Construction's ethos of collaboration and excellence is evident in every aspect. Its proactive community engagement, attention to detail, and commitment to quality have left an indelible mark on Dunedin, revitalising its retail heart.



CATEGORY

5 A RESILIENT GATEWAY TO NORTHLAND

PROJECT: Pūhoi to Warkworth

CONTRACTOR: The Fletcher ACCIONA Joint Venture

CLIENT: Northern Express Group & NZ Transport Agency Waka Kotahi (NZTA)

VALUE: \$880,000,000

The Ara Tūhono – Pūhoi to Warkworth PPP Project is a large-scale, 18.5km long four lane greenfields motorway providing a critically important new transport link to Northland.

It was delivered under a PPP contract model with a project value of \$880 million and extends Auckland’s Northern Motorway from the Johnstone’s Hill tunnels to just north of Warkworth.

When the road opened in June 2023 it received extraordinary acclaim. Road users were delighted by the journey time savings, impressive engineering features and very smooth pavement. The design contains an elegant road geometry weaving through challenging topography with two viaduct

bridges and steep rock faced canyons. It involved more than 10 million m3 of earthworks, cuts up to 60m deep and embankments up to 50m high.

NZTA engaged the Northern Express Group (NX2) as the Special Purpose Vehicle to design and construct the motorway then operate and maintain it for 25 years before handing it back to NZTA.

This award entry is from the Fletcher Acciona Joint Venture which was contracted by NX2 to design and build the project. Fletcher Acciona employed Beca and Tonkin & Taylor to design the works and provide construction support services.



CATEGORY

5

REBUILDING MOUNTAINS FROM RECYCLED WASTE



PROJECT: Puketutu Island Rehabilitation Project

CONTRACTOR: Fulton Hogan

CLIENT: Watercare Services

VALUE: \$107,600,000

Completion of the last construction phase of the Puketutu Island Remediation Project – Phase 5 – in March 2024 marked the end of a decade-long marathon. Yet it is only really the start of the project’s next phase. Thanks to the last decade’s work, in conjunction with Beca and AECOM, over multiple decades to come the former volcano, quarried in the 1950s and 1960s to build Auckland Airport, will be ‘rebuilt’ using bio-solids from the nearby Mangere Wastewater Treatment Plant.

In doing so, the island will go full circle, and eventually become a regional park. To achieve this safely, given its place in the Manukau Harbour with much of the quarried area of the island at or below the

water table, the preparation work has been critical.

Foremost has been in ensuring biosolids can be installed safely without harming the fragile harbour ecosystem, and that the leachate can be safely returned to the Mangere Wastewater Treatment plant.

Even before the project preparation was completed, biosolids needed to be addressed at the site, with the first deliveries beginning in 2015.

Somewhat appropriately for a project that is all about meticulous attention to detail and care for the environment, there has also been zero lost time injuries in all the 356,328 hours worked on the project to date.



CATEGORY

6 SUSTAINABLE MAINTENANCE ON A NEAR-BIBLICAL SCALE

PROJECT: Tararua Alliance

CONTRACTOR: Tararua Alliance

CLIENT: Tararua District Council

VALUE: \$ 262,764,271

Tararua Alliance is a partnership between Tararua District Council and Downer NZ to maintain the local roads in the Tararua district and the water pipes in the district's five towns.

The Alliance is delivering a 10-year maintenance contract (2019-2029) from Oringi, Dannevirke. Since Cyclone Gabrielle, the team's workload has doubled.

The Tararua District typically sees \$4m-\$5m of emergency works a year but Cyclone Gabrielle brought an estimated repair bill of over \$90,000,000. The story of how this rural roading alliance responded to this sizeable challenge is a David and Goliath tale with a Tararua twist.

Reliable asset data, strong stakeholder relationships and a make-it-happen approach enabled the Tararua Alliance to provide a fast and resilient response. In the rebuild, sustainability is woven into local solutions to ensure the network stands up strongly to future events.

The Alliance team is a one-stop-shop that delivers exceptional value to the community, with all the expertise you'd expect to find in an agile consultancy, from asset management to engineering, design, project management, corridor access, traffic management and communications.

Not all alliances are created equal the Tararua Alliance illustrates the many benefits to the community of the alliance model done well.



CATEGORY

6

GABRIELLE PUTS MAINTENANCE CREWS TO THE TEST



PROJECT: North Urban Maintenance Contract and West Storm Recovery

CONTRACTOR: Fulton Hogan

CLIENT: Auckland Transport (AT)

VALUE: \$570,000,000

After close to three decades maintaining the roading network for the AT North Urban Road Maintenance Contract, Fulton Hogan knows almost every metre of the 1208km network.

It encompasses the intense urban corridor of Devonport-Takapuna, the sprawling Northern Bays through to the steep, green and slip prone Upper Harbour area.

At commencement of the 10-year contract in July 2022, there was no hint of the extreme weather events to hit on Auckland Anniversary weekend 2023, closely followed by Cyclone Gabrielle which dumped 200+mm of rain over North and West Auckland.

Fulton Hogan stood up extra Storm Recovery teams for the North Urban and the West Urban area (Waitākere, Massey, Piha and Karekare) for some of the country’s most devastated communities. Up to 20 teams cleared over 10,000m3 of material in the first few days. Then, working closely with design consultants, they acted to protect roading assets with retaining walls and remediation for a total of 77 slips across both regions.

Much of the work was conducted in challenging environments including unstable ground conditions, restricted and/or steep access and in a variety of both urban and remote locations earning praise and appreciation from AT and the community alike.



CATEGORY

6 KEEPING 1M CUSTOMERS HAPPY

PROJECT: Māngere Wastewater Treatment Plant

CONTRACTOR: McConnell Dowell Constructors

CLIENT: Watercare Services

VALUE: \$20,000,000

The Māngere Targeted Asset Renewal Programme (TARP) funded by Watercare Services at Māngere Wastewater Treatment Plant (WWTP) was awarded to the Mechanical Division at McConnell Dowell in February 2020. The framework contract was signed in November 2020 and was scheduled to run for three years.

TARP was a multi-site and multi-year programme to deliver upgrades and renewals within Aotearoa's largest and most complex WWTP. Although this is a single facility, the scale and complexity of the site required the delivery team to programme works across multiple active sites.

Sensible and collaborative planning was also needed with individual operational teams so that there was no disruption to the treatment of wastewater collected from over one million customers.

The works refurbished eight digesters, 12 primary sedimentation tanks, two gravity thickeners, three dissolved air flotation systems, replaced a digester feedline and carried out many other tasks including bio-filter refurbishment, urgent pipe repairs and biosolid floor concrete replacements.



CATEGORY

6 CONTRACT WIN SEALS THE DEAL



PROJECT: CCC Road Maintenance – Northern Network Contract Storm Recovery
CONTRACTOR: HEB Construction
CLIENT: Christchurch City Council
VALUE: \$37,000,000



In October 2022, HEB Construction commenced delivery of the CCC Road Maintenance – Northern Network Contract for Christchurch City Council. This boundary to boundary, full corridor maintenance and renewals contract, covering approximately 900kms of roading, 1200kms of footpaths, and numerous council assets such as signs, street furniture and community amenities, is a ten-year contract, due to conclude in 2032. Located in the expansive northern sector of the Christchurch region, roughly one third of the contract area is considered rural and two-thirds urban.

challenge was to bring the sealing programme, that was nine months behind schedule when we took on the contract, up to date.

Not only was the entire 2022/2023 pre-seal and reseals programme delivered within five months, the HEB Team delivered 95 percent of the chipseals, pre-seals and asphalt renewal sites for the following 2023/2024 year three months ahead of schedule.

While only in year two of the contract, notable achievements have been celebrated. The first

This is just one of many examples where contract outcomes have defied odds while also maintaining high quality results. A culture of authentic collaboration with project partners, flexibility, and a drive to innovate has shaped the success of this contract so far.

CATEGORY

6 GABRIELLE'S IMPACT FELT FAR AND WIDE

PROJECT: Tairāwhiti Emergency Works 2023 2024

CONTRACTOR: Hiway Stabilizers NZ

CLIENT: NZ Transport Agency Waka Kotahi (NZTA)

VALUE: \$16,500,000

The Tairāwhiti Emergency Works Contract 2023/2024 was Cyclone Gabrielle recovery work undertaken predominantly on SH2, (one site on SH35). The Client was NZTA and this project was somewhat unique in that to expedite response a consultant was not included in the project resourcing. Pavement design was undertaken by Hiway Stabilizers, the contractor.

NZTA reviewed the pavement design reports which were prepared under urgency and the risk-based approach saw a collaborative finalisation of construction methodology.

Initial client driveover and rationalisation was programmed upon first contact from NZTA on 28th March 2023, and completed on

the 13th of April 2023 with on-site investigation commencing the following day. Site establishment took place two weeks later with physical works starting on 2 May 2023 – just over a month after initial contact and preliminary feasibility discussions.

The project completion was 9 April 2024. A total of 23.4 lane kilometres was completed in the 11-months of work. This was an incredible effort facilitated by the collaborative approach of client, project management team, contractor and sub-contractors.



CATEGORY

6 ISLAND IMPROVEMENTS A MAJOR STEP CHANGE



PROJECT: Chatham Islands Maintenance
CONTRACTOR: Fulton Hogan
CLIENT: Chatham Islands District Council
VALUE: \$37,000,000

The 650 residents of the Chatham Islands are a hardy bunch. But even they have been tested by inconsistent, expensive and weather-dependent transport from the mainland which, at the time of writing, meant the island had run out of petrol, and diesel supplies were dwindling.

Fulton Hogan and Stantec this year mark a combined 75 years of service to these isolated islands, 840km to the east of New Zealand. They maintain 14km of sealed roads and 172 km of unsealed roads, water, wastewater, and waste management, as well as special projects like bridge replacements and road realignments.

Seven years ago they jointly embarked on an approach to maintaining key assets on the islands with five cornerstones:

enduring relationships, consummate planning, commitment to quality, ready improvisation and commitment to the future.

Representing a major step change in the quality of life on the Chathams, these changes have also helped make the ever-present supply chain challenges a positive catalyst in designing and maintaining the island's infrastructure.

'Do it once, doing it right' means more rehabs at lower cost, road strengthening and reshaping, new sealing variants, improvements to waste management, a whole-of-life approach to bridges and culverts and new accommodation on the island.



CCNZ Z PEOPLE AWARDS 2024



SOUTHLAND MADE, NZ PROUD
Recycled Rimu and schist trophy

PERSONAL IMPROVEMENT AWARD

WINNER • Jethro Staite

COMPANY: Brian Perry Civil

Needing more of a challenge than a retail role provided, Jethro started as a labourer on the Mackays to Peka Peka Expressway. His work there led to a concrete apprenticeship. Showing obvious potential, one year on he was promoted to run a crew of four, inspiring Jethro to be the best team leader he could be. Recognising the Kaikoura rebuild opportunities, Jethro joined the NCITR project as a Leading Hand. Managing a crew of 10 building seawalls, he relished the skill development and enjoyed mentoring and guiding. It was another step up in responsibility, including procurement and organising resources to meet demanding deadlines. Jethro then joined the Peka Peka to Ōtaki project as a Leading Hand, pouring columns and

in situ crossheads and landing super-T beams. Two years later he was promoted to Structures Foreman, managing a crew of 16. He also gained experience working with designers and consultants and supporting the project's community events programme. Brian Perry Civil invited Jethro to join in 2022 to work as Foreman on the Taranaki Street Pump Station for Wellington Water. Impressing on all fronts, he was promoted to supervisor for construction of the Waikanae Water Treatment Plant. Jethro's goal is to continue to build his skillset and leadership experience, to be equipped to step up to a superintendent role on a major project that will deliver significant benefits for generations to come.



HIGHLY COMMENDED • Andrew Kerson

COMPANY: HEB Construction

Andrew Kersten, a 42-year-old civil construction supervisor at HEB Construction managing the Zone 2 site on the Takitimu North Link was raised within a family steeped in hard work and industry. His journey to joining HEB Construction in 2002 started early, working for a civil contractor after school, followed by dairy farming, agricultural contracting and quarry manager, which provided him with valuable management experience and solidified his reputation as a leader. He embraced civil construction opportunities in Australia before home called him back to raise a family – and work on major projects like the Waikato Expressway Hamilton section. Andrew has continually sought to expand his skill set and knowledge

base, seizing every opportunity for growth. Andrew's ability to lead and inspire, coupled with his dedication to excellence, has earned him the admiration of colleagues and superiors alike.

His dedication to personal improvement is evident in his approach to learning and skill enhancement with Andrew and HEB Construction mapping out a career development plan aimed at elevating him to the position of general superintendent on a significant project. This plan is structured to ensure steady and strategic progress, encompassing a series of targeted steps over the coming years to equip him with the necessary expertise and leadership capabilities to excel in this advanced role.



FINALIST • Mark Coakley

COMPANY: McConnell Dowell Constructors

Mark Coakley currently serves as the Working Foreperson for the Warkworth Pump Station project, having worked for McConnell Dowell for 15 months. Mark is known for his upbeat demeanour and inclusive leadership. He consistently goes the extra mile, seizing every opportunity for growth and success. Mark's journey in the civil industry began at 15 when he embarked on an apprenticeship as a drainlayer. By the age of 20, he earned his NZ certification in drain laying. Since then, he's honed his expertise,

advancing through various roles involving heavy machinery, earthworks, and civil projects spanning from residential to large-scale commercial endeavours.

While his current focus lies in overseeing the installation of a T-Liner at the Warkworth Pump Station, Mark's ambition extends beyond his current position. He's actively learning the intricacies of a supervisor role, aiming to eventually progress to the position of superintendent.



FINALIST • John Catt

COMPANY: Fulton Hogan

When John was in his mid-to-late teens and working as a labourer in Wellington, it was touch and go as to which way his life would lead. A turning point came in the form of someone, about the same age as John is now, who believed in him and gave him an opportunity. He saw potential, took him under his wing and created an opportunity to begin to develop a career as a crane operator. One of the challenges for anyone in today's workplace is adapting to a rapidly changing work and social environment. John is no different. It would be easy to call him 'old

school' – and he would take this as a compliment – but John's approach is arguably more important today than ever.

In terms of being adaptable, leading the Fulton Hogan Infrastructure Skills Centre is the third major growth development in John's working life. It's likely not to be the last, given his commitment to learning and to giving back to an industry that he says has given him so much. Training by passing on his experience has become his passion.




EMERGING LEADER AWARD

WINNER • Dylan Fraser

COMPANY: Fulton Hogan

With a degree in biochemistry and fascinated with how – and why – things work, Dylan wanted to be a scientist. But rather than progress with honours and masters, to satisfy his curiosity he needed to get 'on the tools'; to get practical.

In just six years, Dylan has gone from graduate to contracting divisional manager, responsible for a team of 100 across four departments in the Wellington region.

Dylan encourages similar curiosity in his teams, typically posing more questions than answers and

encouraging team members to find, and own, the answers.

His leadership philosophy is straightforward. Already with experience in reactive maintenance, proactive maintenance, civil and contracting, Dylan is gaining a broad understanding of the industry that should serve him, and civil contracting, well in future. As a 22-year-old he set his first five-year goal – to be divisional manager within five years.



HIGHLY COMMENDED • Nic Ganly

COMPANY: CB Civil and Drainage

Nic is a talented engineer who demonstrates maturity, capability, leadership and influence. He thrives on new experiences in the engineer's role as an agent of change, and has recently had the opportunity to step into his first Contractor's Representative role. In 2023, Nic was recognised as the CCNZ Waikato Region Engineer of the Year for showcasing exceptional engineering and leadership skills, as well as a focus on mentoring and 'giving back' to the industry.

Most recently Nic completed his Master of Engineering Project Management (first class honours) while working full time. Nic's career started in Christchurch before moving onto C1 of City Rail Link. He then combined his structural experience and passion for technology to lead a team of

engineers delivering BIM pilot projects for KiwiRail's Digital Engineering Framework.

Nic has now been with CB Civil since 2022, holding both Project Engineer and Project Manager roles. He is motivated and organised, valuing integrity and striving for excellence in everything he does. Nic mentors team members and is active in organising and engaging in networking within the industry. Nic takes pride in sharing his passion for engineering, hoping to inspire others by demonstrating how exciting the industry can be. His recent involvement included presenting STEM to school students, inspiring future engineers at a Waikato University Engineering Evening and influencing design graduates by arranging various site visits.



FINALIST • Amrit Singh**COMPANY:** HEB Construction

Amrit Sangha completed his Diploma in Engineering (Civil) in 2014 and joined HEB Construction in 2015 as a Surfacing Cadet. Since then, he has amassed a wealth of technical knowledge and expertise in pavement and civil construction, culminating in a Diploma in Engineering Practice. Amrit's commitment to excellence is evident in his management of construction teams. Known for fostering a positive, collaborative, and open team environment, Amrit exemplifies leadership and dedication.

Growing up, Amrit frequently saw HEB teams working on various civil projects. The Christchurch earthquakes highlighted demand for civil engineers, so Amrit approached HEB office in Drury to pursue a Diploma in Engineering (Civil), and a career.

Amrit continues to develop his project and staff management skills, and aspires to become a Construction or Area Manager, where he can apply his knowledge and experience.

**FINALIST** • Tom Keall-Grant**COMPANY:** Isaac Construction

Tom Keall-Grant joined Isaac Construction as a Site Engineer in 2016, having completed his Bachelor of Engineering (Civil) with Honours. Tom's mentor at Isaac was Project Manager Sean Walsh. Their collaboration laid the foundation for a strong professional relationship and friendship. After three years they both moved to Marlborough to support the Isaac Construction's new acquisition, Simcox Construction. Tom gained experience, and his willingness to move for an opportunity fast-tracked his

ascension to Project Manager – at a very young age. Tom has set the example within Isaac Construction's young engineers around the benefit of taking opportunities. Sean says, "Tom is very bright, dedicated, respectful and well-mannered. His growth can mostly be attributed to his humble and collaborative approach. Tom never makes anyone feel like he is better or more senior than them, and he knows he can learn from anyone. Because of how much respect Tom shows to others, everyone admires him and teaches him all that they can".

**FINALIST** • Adam Green**COMPANY:** ARC Projects

Adam Green has enormous potential to develop into a strong leader within the industry.

One of Adam's strengths is the rapport he builds with the on-site team by being the type of leader that gets in the trench with the team, assisting them with physical works and enabling them to be successful. This is second nature to him, yet has a good appreciation of critical things when needed. He brings a positive "how can we" attitude to problems

which supports others in achieving success in difficult situations.

Adam is always quick to acknowledge the team effort in any successes and ensure the guys who have done the graft are recognised. He brings a real willingness to tackle problems head on and often with novel solutions that enable the company to always be pushing forward in technically challenging work.

**FINALIST** • Hamish Race**COMPANY:** Thompson Engineering

Hamish Race started out in the civil industry by gaining his Civil Engineering Diploma and getting a job in the industry. His first role was for Thompson Construction, primarily on the tools in both the civil and vertical building construction divisions. He was in charge of the set out of all buildings and civil aspects of its projects. After three years, Hamish went on to Schick Civil Construction, where he stayed for seven years. When Thompson Engineering decided it wanted to further develop its civil engineering

capabilities, it turned to Hamish, knowing he had the experience they needed, having set up Schick's Nelson/Marlborough branch. Hamish is currently at Thompson Engineering building a team, processes and systems so the company is able to create a high-performing civil construction team. The company believes Hamish has the skill and attitude to develop in any way he chooses, and looks forward to seeing where he leads Thompsom's civil team in future years.

**FINALIST** • Anthoy Vea**COMPANY:** McConnell Dowell Constructors

Anthony's journey with McConnell Dowell began five years ago. Earning his Bachelor of Civil Engineering from the University of Canterbury, he officially joined the company in late 2018.

His introduction to civil was hands-on, gaining experience during university summer breaks, where he worked from traffic management to spotting and general labour on multiple Christchurch projects. His internship on Russley Road

cemented his ambition to work on major civil projects. Now, as a Senior Site Engineer, Anthony is in a leadership role at the Nuku'alofa Port Upgrade Project in Tonga. His skills are being honed as he guides a team of engineering cadets on-site. Looking ahead, Anthony aspires to manage larger teams and tackle more complex technical challenges as a project engineer, with the ultimate goal of ascending to the role of project manager.



A **HUGE** **CONGRATULATIONS**

**TO THE
NOMINEES AND FINALISTS
FOR THE
PEOPLE AWARDS 2024**

with a special shout out to
THIS YEAR'S WINNERS

Z PERSONAL IMPROVEMENT AWARD

**JETHRO STAITE
BRIAN PERRY CIVIL**

Z EMERGING LEADER

**DYLAN FRASER
FULTON HOGAN**

The team at Z know that it's people who make a business great.

We love sponsoring this award to champion the people behind the outcomes.

Thanks to our partner Civil Contractors NZ and to everyone working in the civil construction industry who supports Z.

We really appreciate it, and wish you all a super successful year ahead.



BUSINESS

CIVIL ENERGY WATER TELCO

SKILL-UP

Civil Qualifications & Apprenticeships

Learn, operate, maintain. Skill-up now with New Zealand's leading provider of infrastructure industry training, standards and programmes.

CONNEXIS
INFRASTRUCTURE TRAINING

Stay Connected

CALL US: 0800 486 626
Monday-Friday, 8am-5pm
askus@connexis.org.nz
connexis.org.nz



CCNZ CONNEXIS CIVIL TRAINING AND DEVELOPMENT AWARDS 2024



SOUTHLAND MADE, NZ PROUD
Recycled Rimu and schist trophy



CATEGORY 1

TURNOVER UP TO \$10M PER ANNUM



WINNER • Odlum Group

Knowledge, education and resilience is power within Odlum Group, and we believe this is the road to success. Investment in our team for the future of our Whanau and company is paramount for our growth and stability within the ever-growing industry.

Odlum Group is a second-generation family aligned company with a staff base of experienced individuals. Taking pride in our work and having built a strong culture to be proud of, is at the heart of Odlum Group's philosophy.

Odlum Group is dedicated to continuously developing our staff's knowledge and qualifications, equipping them with the relevant 'tools' to use in the field.

We provide our team with a wide range of personal training and development programmes, from 1st Aid Courses, Vehicle and Machinery Licensing right through to Connexis Career Paths and Leadership Programmes. Odlum Group believes every individual has the potential to succeed in a nurturing and encouraging environment.

The whole team is supported in this journey with inhouse trainers, on-the-job mentorship and support from their peers. Odlum Group understand the importance of creating a sense of belonging in the workplace. As a team, we believe through this support and opportunity to grow, we foster a productive and positive team environment which everyone wants to be a part of.



CATEGORY 1

TURNOVER UP TO \$10M PER ANNUM



FINALIST • Offshore Plumbing

OPS Plumbing and Pipeline Ltd is dedicated to excellence, not only in the services we provide but also in the development of our team. Recognized for our commitment to innovation and quality, we place a strong emphasis on training and empowering our staff. This ensures that every project we undertake is handled with the highest level of expertise and care.

Our training programs are designed to keep our team ahead of industry advancements, focusing on both technical skills and safety standards. We believe that our strength lies in our people, and by continually investing in their professional growth, we enhance their ability to deliver exceptional outcomes for every client.



CATEGORY 1

TURNOVER UP TO \$10M PER ANNUM



FINALIST • BeSafe Training

As a New Zealand-owned and operated Category 1 PTE, accredited by NZQA and recognized by CHASNZ, we specialize in tailored training solutions for the construction sector. Since 1999, we have delivered top-notch health and safety training services across New Zealand.

At BeSafe Training, we make internal training a core practice, creating pathways for our staff to advance. Our internal training program meets the needs of our team, enhancing their ability to deliver industry-

leading health and safety training. Our success is evident, as 97% of our public course participants find our health and safety programs relevant and useful, and 92% acknowledge its role in enhancing hazard awareness.

BeSafe Training not only aligns with the values of the Civil Industry Training and Development Awards but also plays a critical role in building a skilled and safe workforce in New Zealand.



CATEGORY 2

TURNOVER BETWEEN \$10M AND \$100M PER ANNUM



WINNER • Infracore Limited

InfraCore management see training as an integral part of the business. We partner with local community groups, government departments and corrections to introduce people to job opportunities and trades. Each cohort takes three weeks WERA Aotearoa Charitable Trust (WACT) hold a one week work readiness program.

InfraCore gives the candidates a two week exposure to various parts of the business. Feedback sessions are held twice a week to help the candidates in their journey. Successful candidates apply for vacant positions in InfraCore as well as with other employers. To date, almost 50% of the candidates have been employed. InfraCore staff are encouraged to enrol in an apprenticeship to further their careers. At present, 20% of the staff are enrolled in apprenticeships in the Infrastructure and horticulture industries. 89% of the Infrastructure apprentices are of Maori descent.

Our apprentice retention rate is 95%. Sadly, one apprentice left infraCore in the last 12 months. There is a structured training system to enable all trainees

/ apprentices to achieve their qualifications. A weekly, focused study group has been arranged where the apprentices are put into cohorts. Assignments are discussed to determine what evidence is required and review any questions, to eliminate any uncertainty, prior to stating the assignment. The theory component of assignments is covered in detail with the assistance of subject matter experts (SME's). This is in the form of "show and tell" where practical examples or site visits are used to reinforce their learning. All candidates have mentors on site to ensure they are learning the required practical skills and getting sufficient exposure to tasks. The mentors assist our local Connexis assessor with verification and comments on their ability and competency.

The expectation is that apprentices will complete a minimum of 33% of their apprenticeship each year. To date, all are well ahead of the expectation. In the last 12 months, two apprentices have successfully completed their Level 3 Drinking Water qualification and moved on to Level 4 and one has completed their Water Treatment Level 4. The apprentices have contributed to InfraCore winning the 2024 National Water Taste Test Award.



CATEGORY 2

TURNOVER BETWEEN \$10M AND \$100M PER ANNUM



FINALIST • Phoenix Civil

Phoenix Civil Ltd is a medium sized Waikato based civil contractor that currently employees a staff of 40. Founded in 2013, Phoenix Civil has quickly developed a reputation for delivering complex civil works with exceptional skill, integrity and quality. Initially Phoenix Civil Ltd was based in the Canterbury region and was involved in civil construction projects associated with the 2011 Christchurch Earthquake disaster.

Phoenix relocated to the Waikato in 2017 and leases a 4,000m2 yard including offices located within Cambridge. The combined experience of Phoenix Civil owners in the civil industry exceeds 100 years and provides a strong basis to lead the company into the future. With capabilities in a broad range of specialist civil works, Phoenix provides solutions for earthworks,

drainage, roading, utilities as well as water and wastewater industries. Delivering projects throughout the North Island Phoenix prides itself on professionalism and open communication with our clients and delivering unrivalled quality of workmanship.

Phoenix also invests heavily in our employee's professional development. An example of this is that we currently have 8 employees currently engaged in water reticulation level 3 or 4 qualifications. In addition to this we have 3 Project Engineers currently completing their Diploma in Civil Engineering. Phoenix recognises the importance and value of our employees, and strives to challenge them both as a team and individually in regards to development. We believe that within Phoenix "it's not a job" "it's a career".



CATEGORY 2

TURNOVER BETWEEN \$10M AND \$100M PER ANNUM



FINALIST • Quality Roding and Services (Wairoa) Limited

Quality Roding and Services specialises in civil contracting, construction, infrastructure, traffic management, concrete, and roading. We're respected for our on-the-job training and staff education. Our people and capability plan is the roadmap used to attract, develop, and retain our 130 staff. In response to our geographic isolation, we hire on attitude first, then skill. The strategy works and we're busy. Staff move through certificates, courses, qualifications, assessments, endorsements, and licenses.

We've hired a new training and competency officer, and a competency assessor, to support our human resource manager. Younger staff take part in Wairoa Young Achievers Trust training and education

programmes ensuring our success is the community's success. Our staff turnover rate is just 10.8 percent. Paramount to working at QRS is our desire to share our purpose: connecting and growing our communities.

Last year we donated \$166,000 in sponsorship, and hundreds of hours of work in kind. We recently helped fund Cyclone Gabrielle flood relief, upgrade a Mahia playground, and presented four Wairoa College scholarships. Staff align with our mihi whakatau:

Ehara taku toa i te toa takitahi, engari he toa takitini.
My strength is not mine alone, it is the strength of many.



CATEGORY 2

TURNOVER BETWEEN \$10M AND \$100M PER ANNUM



FINALIST • Waipa Civil

Investing in people is at the core of the Waipa Civil strategy for maintaining a leading edge in the civil industry. We believe that our greatest asset is our team, and by nurturing their talents and skills, we ensure the sustained success and growth of our company. By providing access to the latest technological advancements, best practices, and industry trends, we empower our employees to stay ahead in their field. This continuous learning approach not only boosts their expertise but also increases their confidence in tackling complex projects. Furthermore,

our training and professional development initiatives significantly enhance career development opportunities.

We offer structured career pathways that allow our employees to advance within the company. Acquiring new skills and certifications, our team members can take on more challenging roles and responsibilities, fostering a sense of accomplishment and career progression leading to higher job satisfaction, increased loyalty, and lower turnover rates, creating a stable and motivated workforce dedicated to achieving excellence.



CATEGORY 3

TURNOVER OVER \$100M AND ALLIANCES



WINNER • HEB Construction

HEB Construction's training philosophy embraces the whole person, not just the employee, fostering a culture of continuous learning and development across all business sectors.

The Learning and Development team at HEB has expanded beyond traditional skills training to include comprehensive career development programs. These programs cover life skills, workplace safety, literacy and numeracy, wellbeing, cultural education, pastoral care, and formal industry qualifications. This holistic approach aims to enhance the capabilities of all employees.

A key aspect of HEB's training strategy is its strong focus on diversity, equity, and inclusion. By engaging underrepresented groups such as Māori and Pasifika communities, HEB ensures these groups have the best

opportunities for success. The positive outcomes extend beyond the workplace, benefiting the families and communities of these employees.

The Learning and Development team is proactive in supporting individuals who may have struggled in traditional educational settings or need additional life skills to excel professionally.

HEB integrates training into its core values: pono, tika, kotahitanga, aroha, and whanake (open, real, together, care, and deliver). Training is woven into broader business strategies, utilizing various tools to support training initiatives, measure their effectiveness, and guide continuous improvement. This commitment ensures that training at HEB is not just an add-on but a fundamental part of their business ethos.



CATEGORY 3

TURNOVER OVER \$100M AND ALLIANCES



FINALIST • Isaac Construction Limited

Isaac Construction Learning and Development programme is robust, inclusive, and aligned to national standards. Our dedicated Learning and Development team works across five regional offices.

Isaac staff have access to a comprehensive range of professional development opportunities and initiatives - from industry training programmes, tertiary study, a graduate programme and recognition of current competencies and prior learning for new qualifications. 88 operational team members (21.5%) are currently in formal training schemes. In Canterbury, of 106 construction team members, 42 are studying advanced qualifications (40%).

On-site workshops, coaching and study groups and external development opportunities foster a skilled and sustainable construction workforce, ensuring

a robust pipeline of talent for the industry's future. These include targeted training courses in Infrastructure Works, Pipeline Construction, Drainlaying, and Water Reticulation. Attached is a breakdown of current training courses across our team.

Isaac Construction has also supported Rolleston College, facilitating mock interviews for Yr12 students to encourage them to consider the civil construction industry as a career.

We value diversity and inclusivity - celebrating female staff and many ethnicities working in construction. Our Learning and Development staff are qualified to support and resource staff with learning difficulties and those who are studying in their second language.



CATEGORY 3

TURNOVER OVER \$100M AND ALLIANCES



FINALIST • Brian Perry Civil

At Brian Perry Civil we have embarked on a significant journey of training transformation, driving excellence and innovation within our industry. Our robust training programs empower our employees to excel in their roles, adopt emerging technologies, and uphold the highest standards. We celebrate these achievements, fostering a culture of motivation and continuous improvement.

Through this journey of change we have focused on providing development opportunities, seamless

systems and process that have closed our training gap and added value to our business and more importantly our team members.

Our commitment to training excellence has led to significant improvements in productivity, safety, and client satisfaction. By investing in our employees' growth, we ensure that BPC remains at the forefront of the industry, delivering superior results and exceeding client expectations.



CATEGORY 3

TURNOVER OVER \$100M AND ALLIANCES



FINALIST • Fulton Hogan

A frenzy about GenZ? With all the questions being asked about what the wave of 'GenZers' means for the future of business, Fulton Hogan is finding the answers. And the company likes what it sees.

This year's Grad Camp – a week-long gathering of the company's 65 graduates -- is a case-in-point. The GenZers were given carte blanche to explore self-leadership and the concepts of trust, positive and ethical influence, communication, humility and teamwork that are so pivotal to them.

Given the importance of collaboration to this cohort, graduates learn about themselves and their potential

through a series of scenario-based learning modules in safe-to-fail environments. The camp also takes them off-grid to encourage deeper connections with each other to better understand the worlds – and world views of their fellow graduates.

It's perhaps not surprising this was voted the camp's number one outcome. As well as inspiring the graduates, the approach is bringing additional energy, skill and insights to the business as a whole. The generation is keeping Fulton Hogan on its toes and in doing so, helping make the company nimbler in meeting their need to engage more purposefully and to see the potential that lies within each.

