



**RENOWNED
FOR CAPABILITY
PEOPLE & CULTURE**





WE ARE PROACTIVE PROBLEM SOLVERS & RESULTS FOCUSED

Having steadily grown from humble beginnings, Quickway Constructions is now an industry leader in Australia. We are a multi-disciplinary company with a solid reputation for delivering complex infrastructure projects from concept to completion.



COLLABORATIVE

Our collaborative team ethos reinforces the strong working relationships for which we are known – we partner with our clients to deliver positive outcomes without compromising our core values.



MULTI-DISCIPLINARY

Our ideal project is when we draw upon multiple core capabilities – from water services, tunnel works, roads & bridges, mixed utilities, concrete structures, rail, communications and traffic management – we lead the way in providing integrated solutions.



SPECIALISTS

Our business is built upon the strength of our people who have deep industry experience and perform our core services both in the office and out on site. We are a Principal Contractor with strong in-house capabilities in project management, engineering, and construction.



OUR SECTORS & SERVICES

To better understand Quickway's business and how we operate; we have two operational divisions, Transport and Utilities. These two groups are supported by several in-house services which include our Traffic Management & Controls Team, Environmental Management, Surveying, Modelling, and Community & Stakeholder Consultation. Our divisions work within several market sectors:



WATER



ELECTRICAL



COMMUNICATIONS



ROADS & BRIDGES



CONCRETE STRUCTURES



TUNNELS



RAIL



TRAFFIC MANAGEMENT



SURVEYING



DIGITAL ENGINEERING



ENVIRONMENTAL
MANAGEMENT



COMMUNITY &
STAKEHOLDER ENGAGEMENT



ROADS & BRIDGES



We connect communities by building the roads and bridges which bring people together.

Since our first project in 2007 on the Northern Hume Alliance, we have completed over 80 bridges - many which have been Design and Construct packages, showcasing our end-to-end capabilities from concept to completion. Our extensive experience has put us at the forefront in bridge construction in Australia. From remote areas to major urban projects, we have delivered integrated transport solutions connecting Australian communities.

Our roads work is no less impressive, from modernised motorways, to complex intersection expansion/upgrades, to large bypass and interchange construction. Quickway has recent and contemporary experience on projects across multiple urban and regional locations throughout Australia.

Quickway's approach to quality work demonstrates our commitment to the community, the environment, safety and to delivering client requirements all while continuing to invest in cutting-edge technologies and skilled teams to tackle Australia's evolving infrastructure challenges. We currently hold prequalification for Road to R4 level, and Bridge to B4 level.

OUR KEY CAPABILITIES INCLUDE:

- Road & Bridge Demolition/Construction
- All in-situ FRP Works
- Voided Decks
- Precast Abutments and Headstocks
- Precast Beam & Plank Bridges
- Super-T, Bulb-T and I Girder Beam installation
- Spandrel Arches
- Incremental Launch
- Fabricated steel and precast panel combinations
- Protection Walls & Walkways
- Noise Wall Capping Beams
- Widening & Upgrades
- Architectural Concrete Works
- Full Range of concrete and paving methods
- Erection of Steel traffic barriers, throw screens, W and Tri – Beams
- Steel Walkways



CONCRETE STRUCTURES



As a leader in the transport infrastructure industry, Quickway have extensive technical experience and management knowledge of modern structural concrete requirements.

We have successfully delivered major structural concrete projects for over a decade, as a Principal Contractor as well as in partnerships with some of Australia's leading construction companies and asset owners.

Our highly skilled management and civil engineering teams have the knowledge, experience and technical capabilities to deliver complex projects in this field, and are driven to achieve excellence in high safety and quality standards.

We undertake complex projects and always deliver final project outcomes which surpass our clients' expectations and requirements.

We provide a professional and comprehensive service in all areas of formwork, reinforcement and concrete placement.

OUR KEY CAPABILITIES & SCOPE OF WORKS INCLUDE:

- Bridge Construction
- Large retaining walls and Counterforts
- Deflection walls
- Placement of concrete road pavements
- Construction of concrete spandrel arches, underpasses, culverts and pits
- Water retaining structures, wastewater treatment plants, pumping stations, and electrical joint bays/pits
- Hard landscaping and pre-casting of various elements including kerb and



TUNNELS



As a leader in the transport infrastructure industry, Quickway have extensive tunnel construction, operation and maintenance experience.

We have the capability to proficiently and successfully tunnel with minimal impact to both the environment and to the community.

Our tunnel specialists provide integrated services to meet the varied needs of each individual project. Our people are at the core of all we do at Quickway, and we guarantee highly skilled and experienced teams with the capability to overcome the challenges associated with tunnelling and associated works.

We partner with our clients to deliver premium tunnelling infrastructure solutions.

Quickway's tunnelling expertise and achievements range from tunnel construction and reconstruction to refurbishment, to forming of lined tunnels, concrete pavements and track slabs within tunnels.

OUR KEY CAPABILITIES INCLUDE:

- In situ concrete works
- Tunnel restoration works
- Tunnel refurbishment
- Tunnel formwork systems including tunnel lining formwork
- TBM Launch structures
- Plug wall construction
- Track slab construction
- Concrete road pavement
- Cross passage construction
- Ventilation and plenum structures
- LEP construction



WATER



Quickway's Water Team has an adept project management team and specialised construction crews that are well-versed in early contractor involvement (ECI), design & construct (D&C), large-scale alliance projects, as well as construct-only contracts. Our teams help public and private clients deliver some of Australia's newest and best water infrastructure.

Our teams work together on a variety of water and wastewater projects in Australia, and our expertise is evident at all levels, from our construction crews on site to the Project Managers and Engineers working with our clients and stakeholders. Our methodologies are solid; reliable, progressive, and highly regarded in the industry.

We specialise in pipeline excavation and construction, trenchless pipeline, manhole construction, and concrete works for water-retaining structures including pump stations and treatment plants; in both upgrade and new-build scenarios.

We are client-focused and always aim to deliver final project outcomes to exceed our clients' requirements. Our dedicated and proactive crews are highly-skilled and driven to achieve high safety and quality standards. We pride ourselves in working across both greenfield and high-density urban environments. Challenging environments demand seamless interfacing and management of multiple stakeholders, deftly working amongst existing underground services and varying ground conditions, as well as smart traffic & pedestrian management.

OUR WATER & WASTEWATER CAPABILITIES INCLUDE:

- Design/Value Engineering & Constructability Reviews
- Geospatial Surveying, Surveying & Modelling
- Potable Watermain Pipeline Network Construction: Reticulation, Critical Watermains, Trunk Watermains
- Recycled Water Pipeline Network Construction
- Wastewater Pipeline Network Construction: Reticulation, Carrier Mains, Pressure/Rising Mains and Trunk Sewer Mains
- Trenchless Excavation/Bores: HDD, Micro-Tunnelling, Thrust Bores
- Water Retaining Structure Construction: In-Situ Reservoirs, Water/Wastewater Storage Tanks and Treatment Plant Structures
- Pump Station Construction & Upgrades



COMMUNICATIONS



Quickway has a highly experienced management team with over 25 years in the communications industry and as a result, we are at the forefront of client delivery – we provide a comprehensive end-to-end service.

Quickway specialises in both fixed & wireless telecommunication disciplines, such as conduit and pit installation, the underground installation of PVC pipe, survey and design, equipment installation, fault finding, in-building cable installation within commercial premises, data centres, and exchanges. Further to this we provide fibre optic cable haul and installation, splicing, termination and testing. Our Wireless SMR Team focuses on delivering challenging builds working on rooftops, poles and towers to establish new and augmented 4G / 5G sites.

Our expertise is focused on both underground and above ground service installations for major telecommunications clients.

Our project team and field crews bring extensive knowledge and experience having worked on numerous telecommunication networks and strive to deliver quality results for all our clients. We have provided services on major projects to some of Australia's leading utility providers.

OUR KEY CAPABILITIES INCLUDE:

Wireless SMR Construction

- Greenfield and augmentation of Macro/Micro/IBC sites
- Power Provisioning/Transmission Provisioning
- Integration & Commissioning into Carrier networks

Optical Fibre Hauling

- Hauling fibre optic & copper cable (any size)
- Hauling subduct
- In-building cabling works

Fibre Optical Splicing

- Fibre splicing, testing and commissioning
- Installing fibre joint enclosure
- Fusion fibre splicing
- Bi-directional OTDR testing
- Insertion loss testing
- Fault finding



ELECTRICAL



In 2011 Quickway expanded to include the provision of underground service installation.

Quickway Electrical is led by a highly experienced management team with over 25 years combined expertise delivering complex electrical civil infrastructure projects. We are fully accredited as an ASP1 contractor under the NSW Accredited Service Provider Scheme, enabling us to undertake contestable works on the electrical distribution network in full compliance with industry and regulatory requirements.

We have successfully delivered works for some of Australia's leading electrical utility providers, including Ausgrid, Endeavour Energy, Transgrid and Essential Energy. Our experience extends to state significance infrastructure projects, including Sydney Metro, Westconnex and the Coffs Harbour Bypass, where we have delivered electrical civil works within highly regulated, safety critical and programme driven environments. Our core capability lies in underground service installations for electrical clients across both greenfield and high-density urban environments. Services include trenching and trenchless construction, installation of conduits and pits, cable hauling and jointing, kiosk installations, overhead works, testing and commissioning, and full pavement and surface reinstatement.

Quickway's dedicated crews of qualified electrical tradespersons are proactive, highly skilled and focused on achieving excellence in safety, quality and productivity. We have trained GIS personnel for capturing as-builts, and we can offer all related construction works in conjunction with our other divisions. Quickway is experienced in undertaking technically challenging projects and remains firmly client-focused, consistently delivering outcomes that satisfy and exceed project requirements.

OUR SCOPE OF WORKS INCLUDE:

- Premium electrical underground services Installations
- Trenchless Excavation/Bores: HDD, Micro-Tunnelling, Thrust Bore
- Substation construction activities
- Electrical reticulation works on various voltages throughout the utility networks
- Solar farms



RAIL



Since 2015, Quickway had been actively delivering rail infrastructure projects across Australia, supporting both public and private sector clients in achieving safe, efficient, and high-quality outcomes.

Our dedicated and highly skilled team includes accredited professionals such as welders, track inspectors, rail adjusters, ultrasonic weld testers, and rail protection officers. With extensive experience across major shutdowns and live rail environments, we are equipped to deliver works safely, on time, and to the highest standards.

We specialise in delivering complex and large-scale projects within the demanding timeframes of rail possessions. Our proven track record includes turnout renewals, track reconditioning, rerailing, level crossing upgrades, and general maintenance works. We place a strong emphasis on meticulous planning, collaboration with key stakeholders, and the implementation of robust safety and quality systems.

Quickway's rail division showcases our multi-disciplinary capability, combining expertise in rail construction, civil engineering, and maintenance. Our integrated delivery model enables us to manage every stage of a project – from design and planning through to execution and completion – ensuring seamless coordination, accountability, and efficiency.

With a strong focus on innovation, workforce development, and continuous improvement, Quickway continues to build its reputation as a trusted delivery partner in the Australian rail industry

OUR KEY CAPABILITIES INCLUDE:

- General Maintenance Works
- Joint Repairs
- Ultrasonic weld testing
- Welding of Main Line, Tram Line & Crane Line
- Free Welding & Adjustment Welding
- Re-Railing
- Re-Sleepering
- Turnout Installation & Refurbishment
- Track Reconditioning
- Re-Transoming
- Level Crossing Upgrades
- Civil Works (Culverts & Drainage)
- Mud Holes & Undercutting



TRAFFIC MANAGEMENT



Quickway prides itself on being a preferred supplier of first-class traffic, pedestrian, and cyclist management.

Over the years, Quickway has been engaged by state and local authorities, engineering consultancies, line marking contractors, and road maintenance companies to provide safe and thorough traffic management services. We work with a diverse range of public and private clients on projects of varying sizes and complexities.

Our Traffic Management services ensure that sites comply with the current version of TfNSW Traffic Control at Work Sites Technical Manual (TCAWS), Australian Standard AS1742.3, Austroads Guide to Temporary Traffic Management (AGTTM), and local roads authorities' specifications. Our sites are overseen by reliable, accredited, and safety-conscious professionals.

With a fleet of over 40 dedicated vehicles equipped with the latest traffic control technology, we ensure constant monitoring for maintenance and servicing to uphold the highest standards of quality and condition. Quickway's plant and equipment are specifically tailored to meet the unique needs of each client and project

OUR KEY CAPABILITIES INCLUDE:

- Traffic Consultancy Services
- AutoCAD Capabilities
- Traffic Management Plans (TMP)
- Construction Traffic Management Plans (CTMP)
- Swept Path Analysis
- Traffic Guidance Schemes
- Pedestrian & Cyclist Management Plans
- Vehicle Movement Plans
- Emergency Evacuation Plans
- Road Occupancy License Applications
- Local Council Permit Applications
- Traffic Management Risk Assessments
- Safe Working Method Statements



FLOOD REMEDIATION WORKS



Quickway leverages its extensive engineering and construction expertise to support communities with infrastructure restoration and rebuilding. Our flood remediation solutions encompass all aspects of civil engineering and construction. With a proven track record in the industry, Quickway is dedicated to building resilient infrastructure and assisting communities in overcoming flood-related challenges.

Quickway assists all levels of government with responding to natural disasters. Our inhouse team of project managers, engineers, environmental and construction professionals, alongside our trusted network of consultants and suppliers are well-equipped to provide end-to-end solutions throughout the recovery cycle.

Our management team boasts a diverse skill set across many procurement models. We are collaborative, agile, and leverage our extensive experience during the project planning stage to deliver cost-effective, durable, and fit-for-purpose remediation methodologies.

We specialise in complex civil infrastructure with technical ground engineering components, designing and constructing landslide remediations, and engaging in Early Contractor Involvement (ECI) and Managing Contractor (MC) arrangements.

Our vast network of consultants and suppliers enables us to manage multiple project interfaces and lead investigations in surveying, geotechnical engineering, environmental planning, REF compilation, and fisheries permits.

Quickway offers expert management of the design process, with a thorough understanding of the requirements and constraints of DRFA funding; our solutions align with the expectations of funding bodies. We routinely

collaborate with civil, structural, and geotechnical designers, priding ourselves on durable and constructible designs. Our ability to self-perform complex works and maintain long-standing relationships with local plant hire and specialist contractors allows us to undertake any project.

KEY CAPABILITIES INCLUDE:

- Environmental Planning
- Collaborative Contracting
- ECI & MC arrangements
- Design & Construct
- Project Management
- DRFA Scope & Eligibility Reviews
- Design Management
- Cost Planning & Budgeting
- Geotechnical Investigations
- Survey Management
- Traffic Management
- Community Engagement & Consultation
- Safety Management



WOOLGOOLGA TO BALLINA (WB2) PACIFIC HIGHWAY UPGRADE

CLIENT:

Transport for NSW

ASSET OWNER:

Transport for NSW

DURATION:

2 Years

CAPABILITIES:

- √ Roads & Bridges
- √ Traffic Management
- √ Stakeholder Coordination

Project Overview

The Woolgoolga to Ballina (W2B) Pacific Highway Upgrade is one of Australia's most significant regional infrastructure programs, delivered to improve safety, reduce travel times, and strengthen the resilience of a major national transport corridor. The 155-kilometre upgrade duplicated the existing highway to a four lane divided road and included the construction of more than 170 bridges, including major river crossings over the Clarence and Richmond rivers.

Quickway were engaged to deliver 23 bridge structures across 13 locations between the Richmond River and Pimlico. These works formed a critical part of the broader upgrade, contributing to a safer, more reliable, and more flood resilient transport network for residents, freight operators, and visitors across the North Coast.

Project Description

Quickway delivered a comprehensive package of bridge construction works supporting the new dual carriageway alignment. The scope included construction of bridge substructures and superstructures, installation of precast elements, and delivery of approach slabs, subgrade beams, and associated finishing works. Earthworks, backfilling, scour protection, and drainage systems were constructed to enhance long term durability and flood resilience.

Specialised management of acid sulphate and potential acid sulphate soils was required to protect surrounding waterways and sensitive ecosystems. Erosion and sediment controls were implemented throughout the works to maintain environmental compliance and safeguard local habitats.

The works were delivered within a live transport corridor, requiring careful staging, coordinated traffic management, and close collaboration with Transport for NSW, delivery partners, and impacted stakeholders to maintain safe access for the community throughout construction.

Key Challenges, Solutions & Achievements

Delivering 23 bridge structures across a dispersed section of the Woolgoolga to Ballina Upgrade required detailed and coordinated planning, strong technical capability and disciplined delivery across multiple work fronts. As part of a program involving more than 170 bridges, including major river crossings over the Clarence and Richmond rivers, Quickway successfully navigated environmental sensitivities, flood prone terrain and live traffic conditions to support the completion of this nationally significant transport corridor. We did this by:

- **Delivering multiple structures across a dispersed corridor:** Works were spread across 13 locations, requiring staged construction, efficient resource allocation, and consistent quality management across all sites.
- **Managing environmentally sensitive soils and waterways:** Acid sulphate and potential acid sulphate soils required specialised handling and continuous monitoring. Comprehensive management plans ensured environmental protection and compliance with regulatory requirements.
- **Meeting stringent flood-resilience and hydrological requirements:** Bridge and drainage designs were constructed to withstand major flood events. Enhanced scour protection, resilient structural detailing, and robust subsoil drainage systems were incorporated to support long term performance.
- **Working alongside an active transport corridor:** Construction occurred adjacent to a major highway used daily by local communities and freight operators. Coordinated traffic management and clear communication minimised disruption and maintained safe access throughout delivery.
- **Achieving strong delivery outcomes:** Quickway successfully delivered 23 high-quality bridge structures that strengthened regional connectivity, improved safety, and supported long term economic growth across the NSW North Coast.





HENRY LAWSON DRIVE UPGRADE – STAGE 1A

CLIENT:

Transport for NSW

ASSET OWNER:

Transport for NSW

DURATION:

2.5 Years

CAPABILITIES:

- √ Roads & Bridges
- √ Traffic Signals
- √ Stormwater
- √ Water
- √ Electrical
- √ Telecommunications
- √ Concrete Structures
- √ Traffic Management
- √ Stakeholder Coordination

Project Overview

The Henry Lawson Drive Upgrade – Stage 1A is part of a broader program to improve safety, reduce congestion, and enhance travel reliability along one of South West Sydney's busiest arterial corridors. The upgrade supports growing communities across Georges Hall, Milperra, and Bankstown, where increasing traffic volumes and limited road capacity have created significant delays and safety risks.

Transport for NSW is delivering the staged upgrade to improve traffic flow, provide safer intersections, and strengthen access to key regional destinations including the M5 Motorway, Bankstown Airport, and surrounding employment precincts. Quickway was engaged to deliver critical civil works for Stage 1A, demonstrating its capability in delivering complex road upgrades in constrained urban environments with a strong focus on safety, community access, and coordinated delivery.

Project Description

Quickway delivered a package of utility relocation, civil and roadworks supporting the widening and upgrade of Henry Lawson Drive between Tower Road and Auld Avenue. Works were undertaken within a heavily trafficked corridor, requiring detailed planning, staged construction, and careful interface management to maintain safe access for motorists, pedestrians, and local residents.

The scope included road widening, pavement construction, drainage upgrades, service relocations, and construction of new retaining structures to support the widened carriageway. Quickway also delivered kerb and gutter works, footpath upgrades, and associated landscaping to improve safety and amenity along the corrido

Key Challenges, Solutions & Achievements

Stage 1A presented a complex delivery environment, with live traffic, constrained work areas, and significant utility interfaces requiring careful sequencing and collaboration. Quickway responded with robust planning, adaptive construction methods, and proactive engagement with Transport for NSW and the surrounding community, ensuring the upgrade was delivered safely, reliably, and to a high standard.

- **Working within a high-traffic urban corridor:** Henry Lawson Drive carries significant daily traffic (circa 85,000 vehicle movements per day through the intersection), requiring staged construction, night works, and controlled work zones to maintain safety and minimise disruption for motorists and pedestrians.
- **Managing constrained work areas and property interfaces:** Road widening and drainage upgrades were delivered adjacent to residential properties and established businesses. Close collaboration with impacted stakeholders ensured access was maintained and disruptions were minimised.
- **Co-ordinating complex utility relocations:** Multiple underground and overhead services required relocation or protection. Detailed investigations, service proving, and coordinated planning with utility providers ensured continuity of essential services throughout construction.
- **Delivering drainage and pavement upgrades in variable ground conditions:** The corridor included ageing infrastructure and inconsistent subgrade conditions. Engineered pavement solutions, upgraded drainage systems, and targeted ground improvements ensured long term performance.
- **Maintaining environmental compliance in a sensitive urban setting:** Erosion and sediment controls, stormwater protection measures, and careful material handling safeguarded nearby waterways and ensured compliance with environmental requirements.
- **Achieving strong delivery outcomes:** Quickway delivered high quality civil works that improved safety, enhanced traffic flow, and supported the broader staged upgrade of Henry Lawson Drive. The works strengthened access for local communities and contributed to a more reliable and efficient transport corridor.





MACQUARIE PARK BUS PRIORITY AND CAPACITY IMPROVEMENT PROJECT – STAGE 2 (PACKAGE 1A)

CLIENT:

Transport for NSW

ASSET OWNER:

Transport for NSW and City of Ryde Council

DURATION:

2.5 Years

CAPABILITIES:

- √ Roads & Bridges
- √ Traffic Signals
- √ Stormwater
- √ Water
- √ Electrical
- √ Telecommunications
- √ Concrete Structures
- √ Traffic Management
- √ Stakeholder Coordination

Project Overview

The Macquarie Park Stage 2, Package 1A project forms part of Transport for NSW's broader program to improve public transport efficiency and reliability across one of Sydney's busiest employment and education precincts. The upgrade supports growing demand for bus services connecting Macquarie Park, the Metro network, and surrounding suburbs, where congestion and limited road capacity have historically impacted travel times and service performance.

Quickway was engaged to deliver key civil works to support new bus priority measures, improved traffic flow, and safer pedestrian and cyclist connections. The works were undertaken in a dense urban environment with high traffic volumes, complex utility interfaces, and significant stakeholder interaction, demonstrating Quickway's capability in delivering transport upgrades in constrained metropolitan corridors.

Project Description

Quickway delivered a package of civil, road, and streetscape works to support bus priority improvements along Lane Cove Road, Waterloo Road and surrounding intersections. The scope included road widening, pavement reconstruction, drainage upgrades, kerb and gutter works, footpath construction, and installation of new traffic signal infrastructure.

The works also involved service relocations, utility protection, and construction of new retaining structures to accommodate the widened corridor. Pedestrian and cyclist facilities were upgraded to improve safety and accessibility, including new shared paths, ramps, and crossing points.

Key Challenges, Solutions & Achievements

The Macquarie Park precinct presented a highly constrained and operationally complex environment, with heavy traffic, continuous bus movements, and dense underground utilities shaping the construction approach. Quickway applied disciplined staging, adaptive construction methods, and proactive stakeholder coordination to deliver the works safely and efficiently.

- **Maintaining traffic flow in a high demand transport corridor:** Staged construction, night works, and controlled work zones ensured buses, general traffic, and pedestrians could move safely through the precinct during peak periods.
- **Managing dense underground utilities:** Extensive service proving, detailed planning, and close coordination with utility providers enabled safe relocation and protection of critical telecommunications, power, and water infrastructure.
- **Working adjacent to major commercial, education, and transport hubs:** Engagement with local businesses, Macquarie University, and bus operators ensured access was maintained and disruptions were minimised.
- **Delivering drainage and pavement upgrades in constrained work areas:** Engineered pavement solutions, upgraded stormwater systems, and targeted ground improvements supported long term performance and resilience.
- **Enhancing pedestrian and cyclist safety:** New shared paths, kerb ramps, and crossing upgrades improved accessibility and supported active transport connections across the precinct.
- **Achieving strong delivery outcomes:** Quickway delivered high quality civil works that improved bus priority, enhanced traffic flow, and supported the broader program to strengthen public transport reliability in Macquarie Park.





BELLS LINE OF ROAD, MOUNT TOMAH SLOPE STABILISATION

CLIENT:

Transport for NSW

ASSET OWNER:

Transport for NSW

DURATION:

30 Weeks

CAPABILITIES:

- √ Roads & Bridges
- √ Traffic Management
- √ Stakeholder Coordination

Project Overview

The Bells Line of Road, Mount Tomah Slope Stabilisation project was delivered to improve the long-term safety and resilience of a key transport corridor in the Blue Mountains. This section of road is highly susceptible to landslips, rockfalls, and erosion due to steep terrain, weather exposure, and underlying geological instability.

Quickway was engaged to deliver critical slope stabilisation works on behalf of Transport for NSW. The project demonstrates Quickway's capability in delivering complex geotechnical stabilisation in challenging terrain, integrating specialist drilling, anchoring, and shotcrete techniques with careful environmental management and coordinated delivery.

Project Description

The project involved stabilising a steep and geotechnically sensitive slope adjacent to Bells Line of Road at Mount Tomah. Works were undertaken in a constrained environment with limited access, requiring detailed planning, specialist equipment, and staged construction to ensure safety and minimise disruption to road users.

The scope included drilling and installing soil nails and rock bolts, applying reinforced shotcrete, constructing surface drainage, and scaling loose material to reduce the risk of future slope failures. Temporary traffic controls and access platforms were established to safely manage operations on the steep embankment.

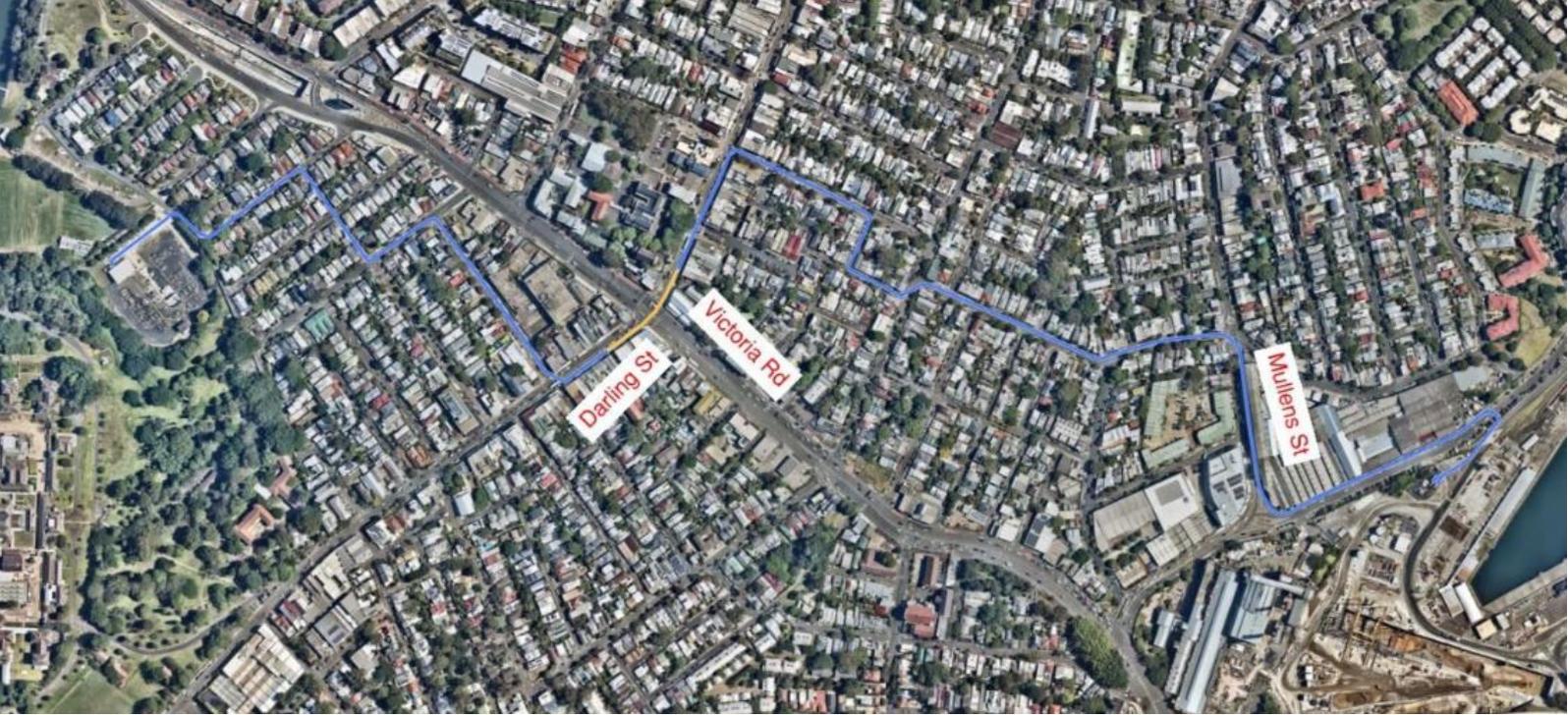
Environmental protection measures were implemented throughout the works to manage vegetation, minimise erosion, and protect the surrounding Blue Mountains environment.

Key Challenges, Solutions & Achievements

Delivering the Mount Tomah slope stabilisation works required strong technical capability, careful planning, and close collaboration with Transport for NSW, geotechnical specialists, and local stakeholders. The project team successfully addressed the challenges of steep terrain, limited access, and environmental sensitivity to deliver a durable and high-quality outcome.

- **Working in steep and geotechnically unstable terrain:** The slope required specialist access systems, engineered platforms, and staged construction to safely deliver drilling, anchoring, and shotcrete works.
- **Managing constrained access and maintaining road safety:** Traffic management and controlled work zones ensured the safety of road users while allowing construction to proceed efficiently in a narrow corridor.
- **Delivering precision geotechnical stabilisation:** Soil nails, rock bolts, and reinforced shotcrete were installed to strict geotechnical specifications, improving long term slope stability and reducing the risk of future failures.
- **Protecting the surrounding environment:** Erosion controls, vegetation management, and sediment protection measures were implemented to safeguard the sensitive Blue Mountains environment.
- **Coordinating with stakeholders:** Close collaboration with Transport for NSW, geotechnical engineers, and impacted stakeholders ensured safe delivery, clear communication, and minimal disruption to local communities.
- **Achieving strong delivery outcomes:** The project was completed safely, efficiently, and to a high standard of quality, strengthening a critical transport link and improving long term resilience for the region.





SYDNEY METRO POWER ENABLING WORKS

CLIENT:

Sydney Metro Corporation

ASSET OWNER:

Sydney Metro Corporation

DURATION:

15 months

CAPABILITIES:

- √ Electrical
- √ Water
- √ Telecommunications
- √ Traffic Management
Wastewater infrastructure
- √ Trenchless Delivery

Project Overview

Sydney Metro West and Sydney Metro – Western Sydney Airport are two of Australia's most significant public transport programs, delivering new high-capacity metro rail connections across Greater Sydney.

Quickway was engaged to deliver critical power enabling works at Rozelle for Sydney Metro West and at the Western Sydney Airport (WSA) precinct for the Sydney Metro – Western Sydney Airport line. These works provided essential electrical infrastructure to support tunnelling operations, segment manufacturing and early construction activities across both programs.

Project Description

Rozelle – Sydney Metro West Power Enabling Works

Quickway delivered the installation of new high-voltage (HV) power supply between the Rozelle Sub-Transmission Substation and the new Sydney Metro West station at The Bays. The works included:

- Installation of new HV conduits and cabling along a route selected to avoid residential streets and minimise community impact where possible.
- Supply, installation and commissioning of twin 33kV High Voltage Customer (HVC) kiosks
- Electrical works to support the Erskine Park Precast Facility, where tunnel segments were manufactured
- Complex traffic management and staged construction to maintain access within a dense urban road network.

These works provided the dedicated power supply required for specialised tunnelling equipment used to construct the Sydney Metro West twin tunnels.

Western Sydney Airport – Advanced & Enabling Works

Quickway delivered electrical enabling works to support construction power supply for the Sydney Metro – Western Sydney Airport line. The scope included installation and commissioning of construction power at six different sites infrastructure across the WSA corridor. This included trenching, conduit installation and cable installation within a developing greenfield environment.

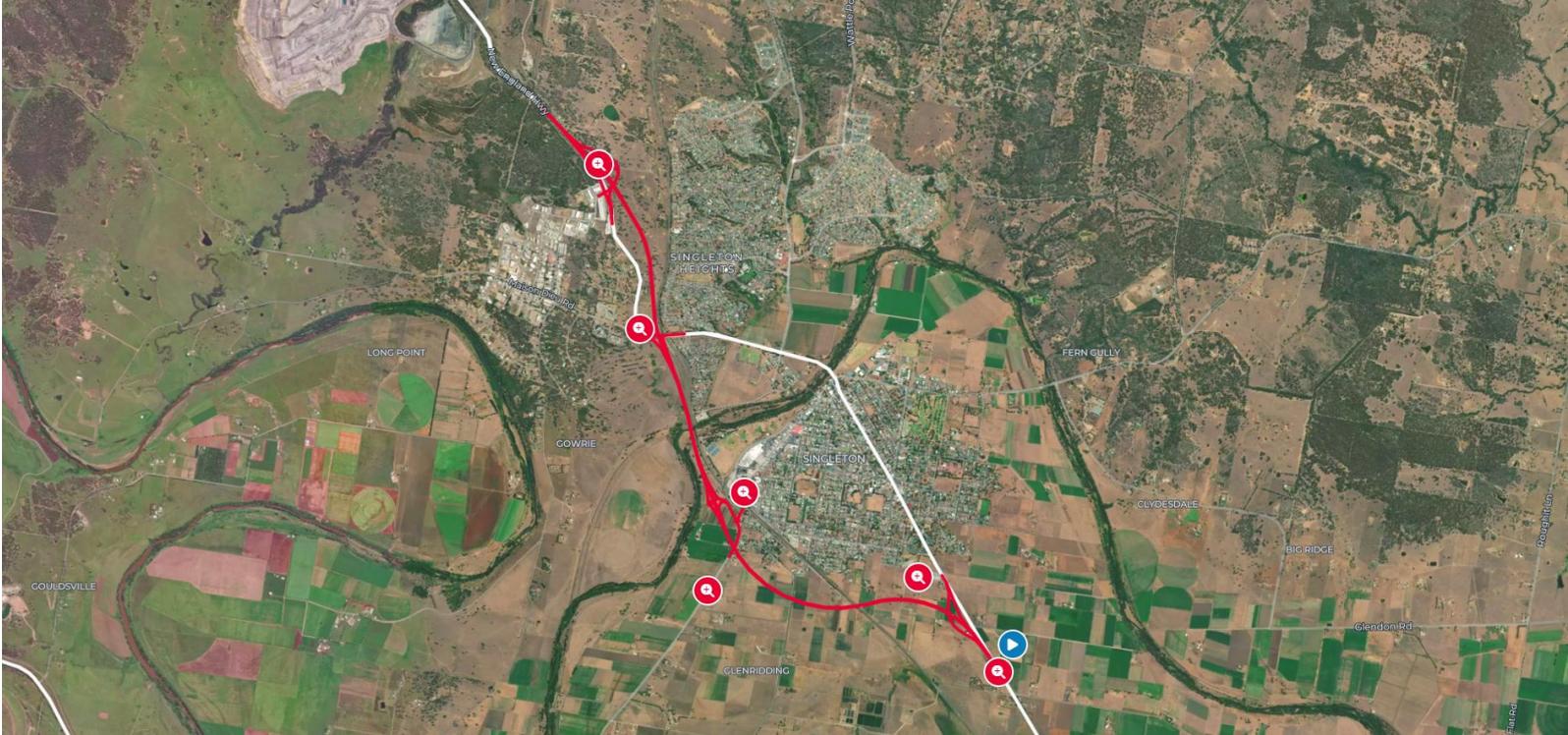
These works supported early construction activities for the 23-kilometre metro line connecting St Marys, the new Western Sydney International Airport and the Aerotropolis.

Key Challenges, Solutions & Achievements

Delivering electrical enabling works across two major metro programs required strong technical capability, disciplined planning and coordinated delivery across both urban and greenfield environments. Quickway successfully navigated complex utility interfaces, community sensitivities, evolving construction interfaces and pandemic related constraints. We achieved this by:

- **Managing congested utilities in a dense urban environment:** Rozelle presented significant underground utility conflicts requiring detailed investigation, careful trench alignment and continuous coordination with asset owners and adjacent contractors.
- **Maintaining community access and minimising disruption:** Works occurred in an area experiencing long-term construction fatigue. Clear communication, staged construction and sensitive work planning helped maintain community access and reduce impacts.
- **Delivering during COVID-19 restrictions:** Workforce planning, segregation protocols and adaptive scheduling ensured continuity of works while meeting all health and safety requirements.
- **Coordinating with multiple contractors and stakeholders:** Rozelle was a multi-contractor environment with overlapping work zones. Quickway maintained strong communication channels to manage interfaces and ensure safe, efficient delivery.
- **Achieving reliable, high-quality electrical infrastructure:** Quickway delivered robust HV conduit and cabling systems that provided essential power supply for tunnelling and construction operations across both metro programs.





SINGLETON BYPASS, ELECTRICAL & TELECOMMUNICATIONS WORKS

CLIENT:

Transport for NSW

ASSET OWNER:

Transport for NSW

DURATION:

30 Weeks

CAPABILITIES:

- √ Electrical
- √ Telecommunications
- √ Traffic Management
- √ Stakeholder Coordination

Project Overview

The Singleton Bypass is a key Transport for NSW initiative designed to improve safety, reduce congestion, and enhance travel reliability along the New England Highway. As part of the enabling works, Quickway was engaged to deliver electrical and telecommunications adjustments required to clear the future bypass alignment and ensure continuity of essential services during major construction.

These works formed a critical early component of the broader program, enabling the transition of utilities away from the new corridor and supporting safe, efficient progression of the main bypass works.

Project Description

Quickway is delivering a diverse package of electrical, and telecommunications relocation works across multiple sites along the proposed bypass alignment. The scope included installation of new conduits and pits, relocation and protection of existing services, trenching and backfilling, pavement restoration, and associated civil works.

The project required detailed service proving, coordination with multiple utility providers, and staged construction to maintain service continuity for residents, businesses, and road users. Works were undertaken within a mix of urban, peri urban, and rural environments, requiring tailored construction methodologies and careful environmental management.

Traffic controls, erosion and sediment measures, and stakeholder engagement were implemented throughout delivery to ensure safety, minimise disruption, and maintain compliance with Transport for NSW requirements.

Key Challenges, Solutions & Achievements

The utilities package for the Singleton Bypass required careful coordination across the project alignment, where active traffic conditions, complex service interfaces, and varied ground conditions shaped the delivery approach. Quickway managed these challenges through detailed planning, targeted construction methodologies, and close collaboration with utility providers, the Delivery Partner, and local stakeholders to ensure safe, efficient, and uninterrupted service outcomes.

- **Managing multiple telecommunications asset owners:** The non contestable telecommunications scope involved several providers, including Telstra, NBN, and TPG. Quickway's site team coordinated these parties and their subcontractors effectively, ensuring timely approvals, safe work sequencing, and smooth integration of each provider's requirements.
- **Working within active road environments:** Staged construction, traffic management, and controlled work zones ensured safe access for motorists and pedestrians while enabling efficient delivery across a busy regional corridor.
- **Navigating variable ground conditions and mixed environments:** Engineered trenching, backfilling, and pavement restoration ensured long term durability across urban streets, rural verges, and transitional landscapes.
- **Strong collaboration with Transport for NSW:** Numerous design changes arose throughout the project, driven by both TfNSW and Quickway. In each instance, both teams worked collaboratively to identify the best solution, balancing constructability, safety, and cost impacts. Several sections were redesigned to enable offline construction, reducing night work exposure and improving safety outcomes.
- **Engaging and supporting local industry:** Quickway engaged ARA Electrical, a local Singleton contractor, to deliver the overhead electrical scope. Their in-house design capability and strong relationships with Ausgrid helped resolve several technical challenges efficiently and contributed to high quality delivery.
- **Addressing access and interface constraints:** Delays occurred due to access issues within the ARTC rail corridor, a private property under acquisition, and an area containing heritage artefacts. Although these risks sat with TfNSW and extensions of time were granted, Quickway adapted sequencing and resource allocation to maintain progress across other work fronts.
- **Achieving strong delivery outcomes:** Quickway completed the utility relocations to a high standard, providing reliable, well-coordinated adjustments that cleared the way for main bypass construction while maintaining uninterrupted essential services for the Singleton community.





COFFS HARBOUR BYPASS – NORTHERN UTILITIES & EARLY WORKS

CLIENT:

Transport for NSW

ASSET OWNER:

Transport for NSW

DURATION:

15 months

CAPABILITIES:

- √ Electrical
- √ Water
- √ Telecommunications
- √ Traffic Management
Wastewater infrastructure
- √ Trenchless Delivery

Project Overview

The Coffs Harbour Bypass is a major infrastructure project designed to improve safety, reduce congestion, and enhance travel reliability along the Pacific Highway. As part of the early works program, Transport for NSW engaged Quickway to deliver the Northern Utilities Package, enabling relocation and protection of critical services ahead of main construction. These works were essential to de-risk the broader bypass program and ensure uninterrupted operation of key utilities throughout delivery.

Quickway's scope involved complex utility adjustments across a geographically dispersed corridor north of Coffs Harbour, requiring careful planning, environmental management, and coordinated delivery within sensitive residential, commercial, and natural environments.

Project Description

Quickway delivered a comprehensive package of utility relocation and protection works to support the future bypass alignment. The scope included installation, adjustment, and protection of water, wastewater, electrical, and telecommunications infrastructure, along with associated civil works such as trenching, backfilling, pavement restoration, and drainage improvements.

Works were undertaken across multiple locations, including urban streets, rural properties, and environmentally sensitive areas. This required detailed staging, traffic management, and close coordination with utility providers, local residents, and Transport for NSW. Environmental controls were implemented to manage stormwater, protect waterways, and ensure compliance with ecological and heritage requirements.

The early works package formed a critical enabling component of the bypass program, ensuring essential services were safely relocated or protected ahead of major construction activities.

Key Challenges, Solutions & Achievements

The Northern Utilities Early Works package required delivery across a wide and varied corridor, with complex utility interfaces, environmentally sensitive areas, and active community environments shaping the construction approach. Quickway applied disciplined planning, adaptive construction methods, and strong stakeholder coordination to deliver the works safely and efficiently by:

- **Managing multiple utility interfaces across dispersed locations:** Relocation and protection of water, wastewater, electrical, and telecommunications assets required detailed investigations, service proving, and close collaboration with utility providers to maintain continuity of essential services.
- **Working with environmentally sensitive areas:** Controls for erosion, sedimentation, and vegetation protection were implemented to safeguard waterways, native habitats, and culturally significant areas.
- **Maintaining access for residents, businesses, and road users:** Staged construction, traffic management, and clear communication minimised disruption across local roads and community interfaces.
- **Delivering works in variable ground and site conditions:** Engineered trenching, backfilling, and pavement restoration ensured long term durability and compliance with utility and road authority standards.
- **Coordinating across a geographically dispersed work front:** Efficient resource allocation, consistent quality management, and strong communication ensured smooth delivery across multiple concurrent sites.
- **Achieving strong delivery outcomes:** Quickway delivered high quality utility adjustments that de-risked the broader bypass program, supported safe future construction, and ensured uninterrupted service for the Coffs Harbour community.





KEMPS CREEK DUAL PRESSURE MAINS - DESIGN & CONSTRUCT

CLIENT:

Sydney Water Corporation

ASSET OWNER:

Sydney Water Corporation

DURATION:

12 Months

CAPABILITIES:

- √ Water & Wastewater infrastructure
- √ Trenchless Delivery
- √ Design & Construct
- √ Traffic Management
- √ Environmental Management
- √ Stakeholder Coordination

Project Overview

The Kemps Creek Dual Pressure Mains project is a critical component of Sydney Water's strategy to service the rapidly expanding South West Growth Area and support the new Upper South Creek Advanced Water Recycling Centre (AWRC).

Quickway was engaged as Principal Contractor to design and construct dual wastewater pressure mains connecting the Austral-Leppington catchments to the AWRC at Kemps Creek.

Project Description

Quickway's scope included progressing the design from 80% to IFC in partnership with WSP, enabling early procurement and efficient construction sequencing. Works involved constructing more than 16 kilometres of OD800 PE and DN600 GRP trunk mains, supported by geotechnical investigations, temporary works design, water hammer analysis, and easement planning.

A major component of the project was the delivery of significant trenchless works, including two horizontal directional drills approximately 900 metres long and up to 22 metres deep beneath the environmentally sensitive Kemps Creek Nature Reserve, along with one kilometre of DN1200 micro tunnelling.

Quickway managed complex interfaces with Sydney Water, John Holland, Seymour Whyte, and local councils while completing connections to Sewer Pumping Station SP1211 and the AWRC. The project concluded with full testing, commissioning, and permanent restoration including landscaping and road reinstatement.

Key Challenges, Solutions & Achievements

Delivering this project required careful planning, strong collaboration, and a commitment to protecting the surrounding environment and community. The team successfully addressed several complex challenges while achieving strong project outcomes.

- **Strengthening the design phase:** The novated design required Quickway to progress the project from 80% to IFC. Working closely with WSP and Sydney Water, the team refined the design through geotechnical investigations, service locating, constructability reviews, and water hammer analysis to ensure safe integration with the AWRC. Early design completion supported early procurement and efficient sequencing within a tight program.
- **Working beneath a protected nature reserve:** Two major HDD installations were completed beneath a no access conservation area. Precision engineering, advanced drilling techniques, and strict environmental safeguards ensured the land above remained completely undisturbed.
- **Maintaining program efficiency in challenging ground conditions:** Quickway's integrated design and construction approach enabled parallel work fronts, early procurement, and efficient sequencing. This supported smooth delivery and helped the project finish ahead of schedule.
- **Coordinating across multiple stakeholders and shared corridors:** The project required close coordination with landowners, major contractors, and government agencies. Clear communication and collaborative planning ensured safe, efficient, and uninterrupted progress across shared work zones.
- **Testing, commissioning and handover:** The dual pressure mains underwent progressive testing and commissioning to confirm performance, safety, and long-term reliability. Final handover included permanent restoration works such as landscaping, road reinstatement, and driveway reconstruction, ensuring the corridor was returned to its pre-construction condition and Sydney Water received a fully compliant, high-quality asset.
- **Delivering strong performance outcomes:** The project was completed four months ahead of schedule and within budget, achieving high quality trenchless results despite complex ground conditions. By self-performing the civil works, Quickway maintained strong control over quality and program delivery, strengthening its partnership with Sydney Water and contributing to the award of the Bonds Creek Carrier Extension project.





BONDS CREEK CARRIER EXTENSION

CLIENT:

Sydney Water Corporation

ASSET OWNER:

Sydney Water Corporation

DURATION:

10 months

CAPABILITIES:

- √ Wastewater infrastructure
- √ Trenchless Delivery
- √ Environmental Management
- √ Stakeholder Coordination

Project Overview

The Bonds Creek Carrier Extension is a key component of Sydney Water's long-term strategy to support population growth across Western Sydney. As new residential communities and employment precincts continue to expand throughout the Penrith region, additional wastewater capacity is essential to maintain reliable services and enable sustainable development.

Quickway was engaged to deliver the extension of the Bonds Creek Carrier, providing new wastewater infrastructure that connects emerging growth areas to the broader Sydney Water network. The project demonstrates Quickway's capability in delivering complex trunk wastewater assets in constrained urban environments, with a strong focus on safety, environmental protection, coordinated delivery, and close collaboration with property owners and impacted stakeholders.

Project Description

Quickway delivered a 1.4 km extension of the Bonds Creek Carrier, providing new wastewater infrastructure that supports growth across Western Sydney and strengthens the broader Sydney Water network. The project combined detailed design refinement with complex trenchless delivery to navigate environmentally sensitive areas, constrained urban corridors, and locations directly adjacent to residential properties.

The scope included constructability reviews, service investigations, and geospatial modelling to optimise the alignment and construction methodology. Delivery involved nine micro tunnel drives (112–185 m each), deep shaft construction using secant pile and segmental caisson techniques, installation of 10 deep maintenance holes (DN1800–DN2000, 8–11 m deep), and multiple 18-metre vent stacks. Compounds, laydowns, and access tracks were established to support safe and efficient operations.

A fully trenchless alignment was required due to environmental sensitivities and property constraints, demanding close coordination with specialist subcontractors, Sydney Water, and affected property owners. Maintaining open communication with residents and stakeholders was essential to managing access, minimising disruption, and ensuring safe delivery. The project concluded with traffic management, full testing and commissioning, and complete site restoration, ensuring the new asset was safely integrated into the existing network and the corridor returned to its pre-construction condition.

Key Challenges, Solutions & Achievements

Delivering the Bonds Creek Carrier Extension required strong technical capability, careful planning, and close collaboration with Sydney Water, local councils, property owners, and impacted stakeholders. The project team successfully navigated complex ground conditions, environmental sensitivities, and urban constraints to deliver a high-quality asset.

- **Managing deep excavations and variable ground conditions:** The alignment passed through areas of mixed geology and high groundwater. Engineered shoring systems, staged excavation, and controlled dewatering ensured safe and stable delivery.
- **Delivering trenchless works in constrained corridors:** Multiple crossings required micro tunnelling and pipe-jacking beneath roads, drainage channels, and existing utilities. Precision equipment and continuous monitoring ensured accurate installation with minimal surface impact.
- **Working with active residential and future development areas:** Close collaboration with property owners and impacted stakeholders was essential to maintaining access, managing expectations, and minimising disruption. Traffic management and noise controls supported safe operations in busy neighbourhoods.
- **Co-ordinating across multiple stakeholders:** Continuous engagement with Sydney Water, council, developers, utility providers, and residents ensured efficient delivery and safe interface management across shared work zones.
- **Testing, commissioning, and restoration:** The new carrier underwent full testing and commissioning to confirm performance, safety, and long-term reliability. Permanent restoration—including landscaping, road reinstatement, and driveway reconstruction—returned the corridor to its pre-construction condition.
- **Delivering strong performance outcomes:** The project was completed safely, efficiently, and to a high standard of quality, and one month ahead of schedule. Quickway's self-performed delivery model provided strong control over program, safety, and workmanship, reinforcing its trusted partnership with Sydney Water.





WILTON INTEGRATED SERVICING PROJECT – PACKAGE 3

CLIENT:

Sydney Water Corporation

ASSET OWNER:

Sydney Water Corporation

DURATION:

In-Progress

CAPABILITIES:

- √ Water & Wastewater
- √ Environmental Management
- √ Stakeholder Coordination

Project Overview

The Wilton Integrated Servicing Project is a major Sydney Water initiative supporting the rapid growth of the Wilton Growth Area, one of NSW's most significant new residential and employment precincts. The program delivers essential water, wastewater, and recycled water infrastructure to service new communities and ensure long-term network resilience.

In July 2025, Quickway was awarded Package 3, a critical component of the broader servicing strategy. The package includes construction of new pipelines, deep gravity sewer infrastructure, major service crossings, and a new wastewater pumping station. The works are essential to enabling future development and ensuring reliable servicing for the expanding Wilton township.

Project Description

Quickway is delivering a diverse and technically demanding scope across multiple work fronts, including:

- 2.7 km of wastewater pressure main from the new SPS1233 facility to the Wilton WRRF
- 2 km potable water pipeline, and 2 km recycled water pipeline
- Deep gravity sewer network, constructed via micro tunnelling between an existing IOP facility and the new pumping station
- Major service crossings beneath the Hume Highway, including sewer, potable, and recycled water mains installed via Horizontal Directional Drilling (HDD)
- Construction and commissioning of the new SPS1233 pumping station, including mechanical, electrical, odour control, and surge vessel installation

Key Challenges, Solutions & Achievements

The Wilton corridor presented demanding geological and operational conditions, with hard sandstone, deep excavations, and major highway interfaces shaping the construction approach. Quickway applied adaptive methodologies, specialist trenchless techniques, and disciplined planning to maintain safety, efficiency, and quality across all work fronts.

- **Excavating through hard sandstone:** Nearly 5,000 m³ of sandstone was removed, requiring revised excavation methods that reduced working at heights exposure and minimised deep excavation risks.
- **Delivering major HDD crossings beneath the Hume Highway:** Three successful HDD bores were completed in collaboration with South Eastern Excavations, maintaining highway operations and achieving precise installation of sewer, potable, and recycled water mains.
- **Deep gravity sewer constructed via micro tunnelling:** Specialist trenchless techniques ensured accurate installation while minimising surface impacts and managing challenging ground conditions.
- **All pipeline works:** (i.e. sewer, water) and recycled water mains constructed and hydrotested successfully, supported by efficient staging and strong collaboration with stakeholders.
- **Managing large scale earthworks:** Bulk earthworks were completed early, enabling smooth progression into structural and mechanical phases.
- **Delivering a new wastewater pumping station:** Mechanical, electrical, odour control, and surge vessel installations are progressing in preparation for commissioning. The construction of all concrete structures and backfilling is nearing completion with the structural lining of the structures scheduled in the coming days. The structural steel fit out along with the mechanical pump installation is scheduled to commence soon.
- **Recognised performance:** Quickway received the Wilton Excellence Award (October) for the seamless delivery of the three HDD crossings, acknowledging the team's safety leadership, technical execution, and collaborative approach.

Quickway's delivery of Package 3 is strengthening essential servicing infrastructure for one of NSW's fastest-growing communities, demonstrating capability across pipelines, trenchless construction, complex utilities, and major pumping station delivery.





ACCREDITATIONS

Quickway's business, safety, and quality systems have been certified and accredited with some of our industry's top bodies.



AS/NZS ISO 9001-2016: Quality Management Systems

ISO 45001-2018: Occupational Health & Safety Management Systems

AS/NZS ISO 14001-2016: Environmental Management Systems



Office of the Federal Safety Commissioner: Australian Government Building & Construction WHS Accreditation Scheme

SYDNEY WATER

W1 - Water Reticulation DN 100-375, W2 - Water Supply DN >375-750, W3 - Steel Pipelines DN >750-1200, RW - Recycled Water DN 65-375, S1 - Sewerage Reticulation DN 150-300, S2 - Sewer Standard DN 375-750, and MS - Minor Works

HUNTER WATER

C1 - Routine, Water & Sewer Reticulation, C2 - Complex, Pump Stations, C3 - Complex, Pressure Sewer Systems, and C4 - Complex, Trunk Infrastructure $\geq 300\text{mm}$

TRANSPORT FOR NSW

Technically Assured Organisation (TAO) with TfNSW. Prequalification Categories: Financial Level (F150), Roads (R4), Bridges (B4), Heavy Rail (TAO), Regional Roads & Bridge Maintenance, and G (Provision of Traffic Control)

QLD TMR

QLD Dept of Transport and Main Roads (TMR) Prequalification Categories: Financial Level (F150), Roads (R4), Bridges (B4)

NSW DEPT OF INDUSTRY

Dept of Industry Resources and Energy: NSW Accredited Service Provider (ASP) Level 1 for Underground & Overhead Electrical Networks Works (Ausgrid, Endeavour, and Essential Energy)

TELSTRA

Interconnect Contractor Accreditation

AUSTROADS

Prequalifications recognised in NSW, QLD and WA: R4, B4, and F150



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