



EXPERTS AT SAFE, EFFICIENT RELOCATIONS, LIVE CONNECTIONS AND COMMISSIONING

As an experienced brownfields contractor, Rob Carr is highly efficient at working in close proximity to live services and undertaking live connections and commissioning.

Rob Carr has extensive skills in working with services, from decommissioning and relocations, to live connections and commissioning. With this capability, Rob Carr has built a strong reputation over time for providing clients with continuity of service whilst ensuring we achieve best for project outcomes.

LIAISON WITH ASSET OWNERS AND AUTHORITIES

We are experienced in obtaining the necessary permits from utility authorities and relevant road, rail and airport authorities in each state. Rob Carr works collaboratively with authorities and asset owners to ensure we remain in full compliance with all requirements. Wherever possible, Rob Carr seeks early involvement with these key stakeholders in the early planning stages to understand the project constraints and work with them to develop a range of potential solutions.

DECOMMISSIONING

Rob Carr is often called upon to decommission existing pump stations and other pipeline infrastructure as part of our scope of works. We work with the asset owner to understand requirements and constraints, and take appropriate actions to ensure that we avoid environmental harm on-site or off during and after completion of the decommissioning phase.

RELOCATIONS

Existing utility services under roads and footpaths, such as gas, power, water and telecommunications often need to be relocated to allow us to construct new or upgrade existing infrastructure. Rob Carr will often work closely under the instruction of the asset owners to undertake excavation and preparatory works, which enables asset owners to directly undertake the service relocations.

LIVE CONNECTIONS

We are particularly experienced at undertaking complex live connection work into wastewater or drainage infrastructure. Rob Carr is certified by several water authorities to undertake such works and over time has dealt with varying system capacities, flows, constraints and work times to ensure minimal disruption to the community during connection works.

TESTING & COMMISSIONING

Rob Carr has commissioned numerous pipelines and pump stations and other water infrastructure. We work meticulously to ensure that all systems and components of the new infrastructure are designed, installed, tested, operated, and maintained according to the operational requirements of our client and the asset owner.

MINIMISING TRAFFIC AND COMMUNITY IMPACTS

To ensure operational continuity for the asset owners, we plan construction, relocations and live connections in detail and work with asset owners to notify the community of upcoming disruptions. We often work within tight timeframes to undertake these works to minimise disruption to the community.



Sewerage Diversion and Pump Station Upgrade B47 Burleigh

BURLEIGH WATERS 

CLIENT Gold Coast City Council

WORKS COMPLETED Rob Carr was awarded the contract to construct 1.5km of gravity and pressure sewer mains and upgrade four sewage pump stations. The work was constructed along Christine Ave, requiring intricate planning and detailed traffic management to facilitate construction. With many new residences and businesses along Christine Ave, planning for the project coupled with community and stakeholder consultation and management was key to the successful delivery of the project. A significant milestone was the construction of a 1.1km section via microtunnelling along Christine Ave. In an Australian first, we were the country's first contractor to install pressure pipe via direct pipe jacking without the need of an enveloper pipe.



Metro Tunnel Early Works - Domain South Yarra Sewer

SOUTH YARRA 

CLIENT John Holland

WORKS COMPLETED Upon completion of the 161m long 2m GRP pipeline from Albert Road to Domain Road beneath the St Kilda Road intersection, Rob Carr installed three GRP manholes between 15m and 19m in depth. We constructed two of these manholes over an existing 1.9m ID brick sewer under live flow conditions. The new pipeline had the capacity to manage flow volumes equivalent to two Olympic sized swimming pools every hour, and it replaced the existing 100 year old brick sewer so that construction of the new Anzac Station in the St Kilda Road precinct could commence. We undertook all detailed bypassing, live tie-in work, grouting of the old brick pipeline, testing and commissioning of the new line.

For more information please visit rob carr.com.au or call **1300 883 602**



OX45 Wastewater Pump Station and Wastewater Mains

OXENFORD 

CLIENT Gold Coast City Council

WORKS COMPLETED The project involved the construction of approximately 1km of gravity and pressure pipeline between DN225 to DN675 using open trench excavation combined with microtunnelling in key areas along the alignment. Further work on the project involved the construction of a new pump station consisting of two wet wells, mechanical and electrical fit-out, testing and commissioning of the same. Rob Carr was entrusted to decommission two existing pump stations and also construct eleven deep DN1500 and DN2100 concrete manholes. To facilitate all the work, several complex service diversions were required to ensure the construction could be completed. We also undertook detailed bypass work to allow for the live connection and commissioning of the new pipeline.



Infill Sewerage Program

MULTIPLE LOCATIONS 

CLIENT Water Corporation

WORKS COMPLETED The Infill Sewerage Program is one of the biggest single capital works projects ever undertaken in Western Australia to connect more than 100,000 households in Perth and country centres that previously relied on septic tanks to deep sewerage. As a preferred and selected contractor, to date we have delivered over 150km of pipeline infrastructure including pump stations, maintenance shafts, access manholes and engineered structures in multiple locations in regional and metropolitan Western Australia. To facilitate construction, typically several complex service diversions along with detailed flow bypassing were required to allow for live connections and commissioning of the works.