



McMAHON
S E R V I C E S

Civil Engineering

We cover the full spectrum of civil infrastructure works from major bulk earthworks to detailed construction



Capability

Civil Engineering

McMahon Services is a leading and award winning civil contractor with over 25 years' experience in delivering quality, innovative and cost-effective civil projects across a wide variety of markets. Our work spans large-scale inner-city projects through to remote works, with the ability to mobilise resources across Australia.

- ▶ Major bulk earthworks including site clearing, bulk cut to fill and excavation of basements, car parks, building plateaus including safe construction of batters, benches and ramps
- ▶ All work associated with Civil earthworks installation and construction - Sub-divisions and land developments
- ▶ Detailed excavation - strip footings, pad footings, pile caps and setdowns
- ▶ Installation of all underground infrastructure including potable water, firemains, stormwater, sewer, electrical and communications
- ▶ Construction / upgrades of roads and car parks including asphalt, spray seal, concrete and block paving
- ▶ Installation of upright kerbs, signage, linemarking, wheelstops and bollards
- ▶ Excavation and construction of swales, detention ponds and wetlands
- ▶ Construction of concrete infrastructure including retaining walls and stairs
- ▶ Foreshore redevelopments
- ▶ Landscaping hard - street furniture, feature walls, footpaths, edging, timber boardwalks, water features, fencing, lighting and concrete structures
- ▶ Landscaping soft - cultivation, topsoiling, planting and hydroseeding
- ▶ Civil demolition of existing infrastructure for recycling
- ▶ Crushing, sieving and screening of oversized materials
- ▶ Installation and/or relocation of transformers, pits and gross pollutant traps



Plant and Equipment

McMahon Services is continuously investing in the latest technology and boasts a \$70 million network of company owned plant and equipment. Our Civil Division is equipped with excavators ranging from 1.8 - 125t, along with loaders, water tankers, graders, dozers, compactors, dump trucks, water trucks ranging from 12,000L - 37,000L, quick fill tanks, screening machines and specialist soil stabilising equipment.

3D Grade Control Technology

Our team of highly experienced, in-house surveyors, have refined our excavation methods through the use of a Tractor-Scraper System, equipped with GNSS Infrastructure and Trimble Site Vision Grade Control Software. Aimed at delivering a more timely and accurate excavation and backfill process, this technology maximises machine productivity with 3D grade control, design information and live cut/fill indication displayed in real time, allowing excavation and grading to be done without the use of timber stakes.

Hydro-Excavation Unit

Providing an innovative solution for locating and excavating around underground services and eliminates the risk of damage to gas, water and sewer mains, optical fibre, power and telecommunications.



McMAHON
SERVICES

