

## Statement of Capability

Emmetts Civil Construction Ltd and the earlier Emmett Bros Ltd have been constructing bridges, underpasses, retaining walls, piling and precast concrete works for over 60 years. Our strength is our ability to undertake major structural works, repairs and improvements under difficult conditions in a timely manner.

Emmetts Civil Construction Ltd holds ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 with a particular scope of Civil Construction, Bridge Building, Precast Concrete, Crane Hire and is prequalified with Waka Kotahi NZTA in the areas of Routine and Minor Works (1A), Bridge Construction (3A) and Construction (4A) as well as numerous other Regional and District Councils and large corporate entities.

We consider our company to be at the leading edge of our field and believe the resources and experience and the collaborative approach we apply to construction projects provides value added efficiencies and the confidence that projects can be undertaken within the allowed timeframes.

Emmetts Civil Construction Ltd consists of four divisions; Civil Construction (Bridge Building and Underpasses), Precast Concrete, Piling and Crane Hire. We offer a vast array of resources, equipment (if required) and expertise that would all be made readily available for this project.



Association of Consulting Engineers New Zealand - Gold Award of Excellence

Our construction team is well established from long serving, qualified, permanent staff who have more than sufficient skills to construct most types of civil structures. We have completed many significant bridge projects in the past and have received a Gold Award of Excellence from the Association of Consulting Engineers New Zealand for our work on the New Plymouth Water Supply Cable Stay Bridges. These three bridges were part of a design and construct project tendered competitively and completed by Emmetts Civil Construction Ltd. We have also recently won an international iStrut Gold Award for Pedestrian Bridges, an ACENZ Silver Award and a 2018 NZ Bridge Award for work on the Perry Bridge in Horotiu.

## Health and Safety is Paramount

Emmetts Civil Construction Ltd is an active member of SiteWise and our company has rigorous Quality Assurance and Health and Safety policies and systems in place. We undertake a lot of work for Regional Councils and other Local Authorities, so our Health and Safety systems are always scrutinised and checked before work is awarded. We have never been involved in arbitration or litigation with respect to our performance or workmanship and our focus is always on safety, excellence and consistency.

The safety-first approach of Emmetts Civil Construction Ltd is critical when working with heavy concrete and steel structures such as those used in the construction industry. Our track record for safety speaks for itself.

Our client base includes major utility companies, e.g. Transpower, Northpower, Todd Energy, infrastructure entities e.g. KiwiRail and UGL, Local Authorities, NZTA and an extensive number of private clients whom all require that comprehensive Health and Safety procedures are in place. Our crane hire and piling divisions must also comply with rigorous regulations. Emmetts Civil Construction Ltd is a member of the Crane Association of New Zealand.

Emmetts Civil Construction have been constructing and undertaking construction and repairs to bridges for over 60 years and have developed a vast range of construction methods and processes to ensure the safety of all involved, both during construction and when the structure is in service.



Award Winning New Plymouth Water Supply Cable Stay Bridges



*Emmetts Precast Panel – Cultural Design for  
Whitireia Polytechnic*

Our methods include but are not limited to methods of construction that keep work over waterways to a minimum.

Safety by design is very important to Emmetts Civil Construction Ltd and we believe in a collaborative approach between designer, contractor and client to achieve clever, considered designs that can be built efficiently and safely. This approach has been key in all of our successful design and construct projects and we have proudly constructed numerous bridges to the highest standard in some of New Zealand's most difficult locations without incident.

### **Environmental Protection and Consideration**

Emmetts Civil Construction Ltd has undertaken many contracts for work in sensitive areas where wildlife and waterway protection have been paramount, such as the Waikanae Estuary Salt Marsh Bridges for DoC in the presence of endangered nesting fern birds and the Blue Duck Station Cycleway Bridge for DoC, Ruapehu Council and land owners in the pristine bush mating grounds of the endangered blue duck (whio).

All stakeholder requirements have been met in all contracts where special care for the environment has been a major factor and our company upholds the principals identified in the Resource Management Act and its amendments. We believe the protection of the environment is a duty that we should all hold dear and Emmetts will support Horowhenua District Council in striving to maintain our clean green image. To this end Emmetts Civil Construction Ltd have recently constructed two bridges over the Ohau River (one for a private resident and one for Horowhenua District Council) and have an intimate knowledge of the area and have also worked with local iwi and other stakeholders to ensure satisfactory outcomes for all parties.

### **Timeliness and Tidiness**

Emmetts Civil Construction Ltd has undertaken construction and emergency repairs to major structures for both government and private clients. We understand the consequences of not achieving the required outcome in a timely manner. We will work with organisations and communities to ensure milestones and deadlines are met throughout our contracts.

### **Focused on Continual Improvement and Innovation**

Our organisation structure and size allow us to be agile, proactive and highly responsive to your specific needs. The regular contact we will maintain with all stakeholders will give us the ability to quickly identify and assess issues and develop solutions to ensure the smooth completion of all works included in this contract. In this way we strive to add value and bring savings to all parties.



*Waikanae Estuary Bridge*

## Facilities, Plant and Equipment

Emmetts Civil Construction has the following facilities available at its Wanganui base:

<b>Precast Factory / Yard</b>	Specialist concrete manufacturing facility with full precast and pre-stressing facilities and up to 750m <sup>2</sup> of flat bed space available.
<b>Engineering Workshop</b>	Engineering and fabrication facilities including a wide range of mobile welding equipment and plant, e.g. compressors, generators, concrete saws.
<b>Reinforcing Workshop</b>	A dedicated warehouse for the forming, fabrication and storage of reinforcing steel and additional precast manufacture if required.

Emmetts Civil Construction Ltd own a vast array of plant and equipment and seldom need to hire or source external equipment. The following is a list key plant and equipment.

- 2006 Hitachi Sumitomo SCX2500 250 Ton Crawler Crane
- 2014 Manitowoc 11000-1 100 Ton Crawler Crane
- 2010 Kobelco CKE800 80 Ton Crawler Crane
- Zx210 21 Ton Excavator Vibro Hammer with Various Attachments
- IHI CCH 550 55 Ton Crawler crane
- Tadano TG 500 50 Ton Mobile Crane
- 2 x Kobelco T330 30 Ton Mobile Crane
- 12 & 20 Ton Franna Pivot steer cranes
- Tomen 4.25 Ton Crane Mounted Vibro Hammer and Power Pac
- BSP CX110 9 Ton Hydraulic Hammer
- Richwill Crane mounted drill table piling rig, drill buckets and piling equipment.
- EWP SR18 18 m Boom Lift
- Takeuchi TB180Fr 9 Ton Zero Swing Excavator and various piling and drilling attachments
- Hitachi ZX210 23 Ton excavator with drilling and piling attachments
- Sumitomo SH250 25 Ton Excavator with drilling and piling attachments
- Range of adaptable suspended work platforms and man cages
- 3 and 5 Ton Rubber Track Mini Crawler Cranes
- 12 Ton 4x4 Franna Pivot Steer crane
- Vast range of formwork and staging equipment all owned by ECCL and readily available.
- Temporary piles, staging and beams etc. for arch landing gantry all owned by Emmetts Civil in stock.
- Work at height Health and Safety Equipment Harnesses with retractable fall restraints, boson chairs etc.

## Local Components

Emmetts Civil Construction endeavour to use local supply chains and subcontractors where possible. We are a Mananwatu-Whanganui based company and can take best advantage of the knowledge and experience of the region, its suppliers and labour resources as required.

## Health & Safety Management

Emmetts Civil Construction Limited implements a robust Health and Safety system across all divisions of the company and initially developed its system in conjunction with HazardCo to ensure all paperwork and standards are adhered to. Emmetts Civil also implements Health and Safety documentation to cover specialised areas like crane operation for example. Emmetts Civil Construction is a member of the Crane Association of New Zealand Association and our Health and Safety management system can be viewed on request.

Emmetts Civil Construction is an active member of ISNetworld and is prequalified with Waka Kotahi NZTA in the areas of Routine and Minor Works (1C), Bridge Construction (3C) and Construction (4C) along with numerous other councils and organisations, e.g. Northpower, Transpower, Downer New Zealand.

Before each project commences a full Site-Specific Health & Safety Plan is created for each job which includes processes for Hazard Identification and Risk Management, Toolbox Meetings and Emergency Plans.

Emmetts Civil Construction uses (but is not limited to) the following documentation as part of its Health and Safety management system:

- Emmetts Health and Safety Policy
- Safe Operating Procedures (SOPs)
- Site Specific Safety Plan
- Emmetts Crane Site Specific Safety Plan
- Subcontractor Questionnaires
- Induction Forms
- Permit to Work System
- Hazard / Risk Registers
- Crane COFs / Equipment Checks
- Accident Register and Investigation Forms
- Site Inspection Forms
- Toolbox Meeting Forms
- Safe Work Methodologies
- Emergency Plans

Emmetts Civil Construction is deeply committed to providing a safe working environment for all staff, subcontractors, visitors and stakeholders. We have invested heavily in staff training and implement hazard controls wherever possible.

*"I would like you to pass on to your team and contractors our thanks for the professional manner in how they have worked with us to protect our asset at your work site, the professional methodology used to excavate the cables and working around the cables installing the culvert sections. It has been a pleasure working with them all."*

**Dave Sargent**  
Electrical Asset Integrity Technical Officer  
Technical Integrity Team, Origin Energy