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In this issue of Rocla e-News find out more about Rocla's latest [industry-leading innovation](#), how the business has adapted to the new [Australian Standard for small box culverts](#) and how it is [expanding to meet demand for product in Queensland](#). As always, Rocla's teams are working closely with customers on a wide range of projects - this issue profiles the [Ausgrid Smart Grid project](#), which features more than 100 of Rocla's Communications Poles and the \$800 million [South Road Superway in Adelaide](#).

Greener Graves: Rocla's Latest Innovation Aims Six Feet Under



In a display of industry-leading technology and innovation, Rocla has recently debuted its latest, award-winning capability – the successful use of geopolymer materials in commercial scale production.

While many of its competitors have tried to produce geopolymer products on a large-run scale, Rocla is the first to successfully bring a product to market, and also the first to have the stand-alone capability to do so.

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Fast-Tracked Delivery

At more than \$800 million, Adelaide's South Road Superway represents the single largest investment ever in a South Australian road project. Once finished, it will form a 4.8km long non-stop corridor, with a 2.8km elevated roadway, that stretches from the Port River Expressway to Regency Road.

Within such a significant infrastructure undertaking the ability to supply to a tight schedule is critical, and this was among the reasons that Rocla® box culverts were chosen for use by the Urban Superway Joint Venture.

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Concrete Expansion Plans



Earlier this year Rocla was awarded a significant contract to provide pre-stressed concrete decking for the upgrade to the Hay Point coal terminal in Queensland. During the 16-month long project, Rocla will supply main contractor, Bechtel, with 2,000 pre-stressed concrete decks, each measuring between seven and 24 metres in length.

The combination of this large-scale supply requirement and the fast-growing need for products to support the infrastructure of Queensland's resource boom has led Rocla to embark on a new project of its own.

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In Pole Position for a Smarter Network

Electricity network provider Ausgrid's Smart Grid project is set to revolutionise the way that electricity is delivered and managed for its customers in New South Wales, and Rocla® specialist communications products are playing a key supporting role.

The future-focussed Smart Grid project will see a transformation of the traditional approach to provision and monitoring of power, by connecting all aspects of energy supply and usage via a wireless network that will provide both Ausgrid and its customers with faster, more complete data.

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Boxing Clever



Responding to changes to AS 1597.1 - the Australian Standard for manufacture of small precast, reinforced box culverts - Rocla launched its up-specced range of small box culverts earlier this year, and is now manufacturing and supplying the updated product on a national scale.

The new box culverts feature a range of design enhancements that, in keeping with the revisions to the Standard, will make them stronger and safer during installation and throughout their lifetime.

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