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AUSTRALIAN SECURITIES EXCHANGE ANNOUNCEMENT

2 November 2020

EdenCrete®- Continued Growth of CDOT Market

The demand for EdenCrete® products in US infrastructure projects continues to grow. A recent project for the Colorado Department of Transportation (CDOT) confirms the sustained growth in customer and contractor confidence in the performance of EdenCrete® enhanced concrete.

The infrastructure project in question, being undertaken for CDOT on Interstate Highway I-25 near Colorado Springs, involves the use of 1,000 cubic yards (760 cubic metres) of shotcrete to build a long retaining wall as well being used in the expansion of two bridges including their wing walls, and will require approximately 330 gallons of EdenCrete®.

Importantly, the contractor on this project, Utah based Summit GeoStructures that also operates in Colorado and regularly uses EdenCrete® products, obtained approval from CDOT to use their EdenCrete® enhanced shotcrete. This approval by CDOT followed successful laboratory trials of the proposed shotcrete mix, supplied by a ready mix operator with which Eden has not previously worked, but which is a subsidiary of a large global cement and concrete company.

This project demonstrates again the importance of satisfied customers (in this case the contractor) using, or specifying EdenCrete® in further projects in reliance on their previous experience of the performance and commercial benefits delivered by EdenCrete®.

On the western side of the highway, shotcrete is used to build the retaining wall that is intended to replicate a rock face. It requires two separate layers of shotcrete to be laid down, the first to retain the earth and the second, laid on top of the first layer, is sculpted to look like a rock face (**see Figures 1 and 2**).

Figure 1. Applying the shotcrete to the wall along I-20 at Colorado Springs

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Figure 2. Carving the concrete to replicate a rock face

On the eastern side of the highway, the shotcrete is being used underneath overpasses and to shore up the abutments on two existing bridge expansions**(see Figures 3 and 4).**

Figure 3. Underpass, wing walls and embutment constructed with EdenCrete® enriched concrete

Figure 4. Bridge embutment and retaining wall constructed with EdenCrete® enriched concrete

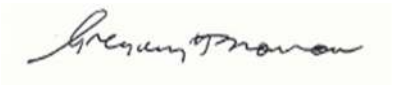
Further, as previously reported **(see Eden ASX announcements 15 August 2018 and 17 September 2020)**, EdenCrete® has been continuously used for over 2 years in the shotcrete on another major CDOT project, the 10-miles-long Central 70 project being undertaken by CDOT on Interstate Highway I-70 in Denver that commenced in 2018. This new CDOT project in Colorado Springs represents a significant deepening of CDOT's acceptance and approval of the benefits delivered by EdenCrete®, that Eden is confident will result in a significant increase in the number and range of CDOT projects in which EdenCrete® is used over the coming years.

BACKGROUND

EdenCrete® is Eden's 100% owned, proprietary carbon-strengthened concrete additive that enhances a wide range of performance characteristics of the concrete including compressive strength, flexural strength, tensile strength, abrasion resistance, reduced permeability, increased modulus of elasticity, and reduced shrinkage, delivering stronger, tougher, more durable and longer lasting concrete.

EdenCrete® delivers not only a wide range of performance benefits in concrete, but also delivers economic advantages through many ways, including greater durability and service life for the concrete. Additionally, in applications where fresh concrete has to be pumped under pressure, including in shotcrete or pumping of fresh concrete up high -rise projects, it greatly reduces the friction enabling the required pumping pressure to be reduced, resulting in less wear on the pumps, and safer working conditions due to reduced nozzle pressure being required, which in turn results in cost savings through less wasted concrete resulting from reduced re-bound in the case of shotcrete applications.

One of the primary target markets for EdenCrete® is improving the performance of concrete used in the construction and maintenance of concrete roads, bridges and other infrastructure, particularly where it is subject to heavy wear, freeze/thaw weather conditions and/or high levels of added salt. Additionally, it has potential for use in most other concrete applications including high-rise building construction, marine and coastal applications, water storage and pipelines, hardstand areas, warehouses, shotcrete applications and pre-stressed and pre-cast concrete structures and products.



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This announcement was authorised by the above signatory.
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