

February 18, 2022



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## TOP STORY

### EPD complete for alternative SCM

Juno C33, an advanced alternative supplementary cementitious/fine aggregate material developed by Surface Tech, now has a complete Environmental Product Declaration. Surface Tech says the product can be easily integrated into plant operations and can help producers save money.

**Full Story:** [Concrete Products \(2/17\)](#)





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## CONCRETE INNOVATION

### Road project in Australia relies on recycled concrete

Base material for a road upgrade project in Brisbane, Australia, includes recycled concrete and building materials from several well-known local structures. Rino Recycling, the company that provided 23,000 metric tons of material for the project, was recently certified to supply recycled materials for road construction.

**Full Story:** [Infrastructure Magazine \(Australia\)](#) (2/18)



### New research on improving SCC workability properties

New research looks at the influence of crumb rubber, fly ash and nanosilica on self-compacting concrete's workability and mechanical properties. The investigators used response surface methodology to examine the relationship, and found fly ash increased SCC workability, while crumb rubber replacement and the addition of nanosilica decreased workability properties.

**Full Story:** [MDPI \(Switzerland\)](#) (2/17)



### Excess concrete used for artificial reefs in S.C.

The South Carolina Department of Natural Resources and SRM Concrete have teamed up to produce 'reef modules' using the building materials company's surplus concrete. The artificial reefs are used to create habitats to attract fish and maintain the offshore ecosystem.

**Full Story:** [WMBF-TV \(Myrtle Beach, S.C.\)](#) (2/16)



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## BUSINESS AND POLICY WATCH

### House bill aims at resilience after disasters

A bill designed to improve mitigation and resilience measures as communities recover from natural disasters is ready for debate in the House, according to Rep. Peter DeFazio, D-Ore., chairman of the House Transportation and Infrastructure Committee. "The increasing frequency, intensity and cost of natural disasters makes us ask, what can we do to protect communities before disaster strikes? The answer is to invest in mitigation efforts," with the Resilient Assistance for Mitigation for Environmentally Resilient Infrastructure and Construction by Americans (AMERICA) Act, DeFazio said in a hearing.

**Full Story:** [Transport Topics](#) (2/17)



### First Graphene, partners secure funding from Innovate UK

A consortium composed of First Graphene, Breedon Cement, Morgan Sindall Construction & Infrastructure and the University of Manchester has been awarded a grant from Innovate UK to develop high performance graphene-enhanced cement.

**Full Story:** [Global Cement](#) (2/18)



## EDITOR'S NOTE

### SmartBrief will not publish Monday, Feb. 21

SmartBrief will not publish Monday, Feb. 21, in observance of Presidents Day in the US.



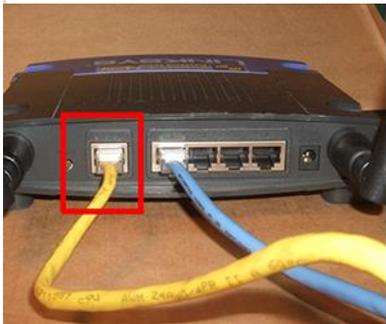
*I had crossed the line. I was free; but there was no one to welcome me to the land of freedom. I was a stranger in a strange land.*

Harriet Tubman,  
abolitionist, political activist, Underground Railroad conductor  
February is Black History Month



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