



### September 2018

#### Helmet chin-straps prevent head injuries says US contractor



Improved safety helmets have succeeded in preventing head injuries since being introduced for all 3,000+ employees of US contractor Clark Construction a year ago. The company claims that it was the first general contractor in the United States to implement the company-wide adoption of safety helmets with chin straps for all employees. The traditional hard hat, a 60-year staple in the industry, provides protection from falling objects. But if a person falls, the standard hard hat falls off.

+++++++ ++++++++ ++++++++

#### India



#### IMPRESSIVE RAIL-CUM-ROAD BRIDGES OF INDIA CONSTRUCTED BY "BBJ"

#### Ganga Bridge at Munger, Bihar

The Ganga-Munger Bridge is under construction rail-cum-road bridge over the river mighty Ganga at Munger, Bihar state of India. The 3.46 kilometres long river bridge will connect two city Bakhtiyarpur and Tajpur and also link the two national highways NH 80 and NH 31. Rail-cum-road bridge over river Ganga at Munger, Bihar will be **second longest rail road bridge of state Bihar and third longest of the country.**

+++++++ ++++++++ ++++++++

#### The UK Heatwave was the longest since 1976



The heatwave will cause tens of thousands of homes to sink into the ground, insurers have warned, as they are braced for subsidence claims to quadruple. Over the past two months a record-breaking spell of hot and dry weather has caused the soil on which homes are built to shrink, which will result in many sinking into the ground later this year, it is claimed.



Symptoms of subsidence like cracked walls usually appear several months after the damage is done, meaning homeowners could be forced into temporary accommodation over the Christmas period while their homes are being fixed.

1976 we saw the same, many properties were damaged, Shallow foundations were affected.

+++++++      ++++++      ++++++

### New York



[New York's The Shed releases updated images and programme details](#)

More details about the [expandable cultural venue](#) at Manhattan's Hudson Yards have been revealed, including construction photos, new interior renderings, and information about its first commissions and exhibitions. The updated images show views of the flexible gallery, performance and events spaces that will be formed in and around The Shed, designed by New York studios Diller Scofidio + Renfro (DS+R) and Rockwell Group, and scheduled to open spring 2019.

+++++++      ++++++      ++++++

### UK Battersea Power Station phase two



One of two major projects on this list that are being overseen by Mace, phase two of

Battersea Power Station was not without its problems last year. Spiralling costs saw main contractor Skanska and client Battersea Power Station Development Company mutually agree to end the former's association with the job, with Mace stepping in as construction manager.

.+++++++      ++++++      ++++++

### Hong Kong



**Above:** Hong Kong has a long-term strategy for cavern development and has already been working with Arup

It has been appointed by the Hong Kong government's Water Supplies Department (WSD) to look into relocating the Yau Tong fresh water and salt water service reservoirs. Tony Chik, divisional director of design and engineering services at SNC-Lavalin's Atkins business in Asia Pacific, said: "The HKSAR Government is actively implementing its strategy to seek out land for housing, social and economic developments. Sustaining Hong Kong's competitiveness with rock cavern development is one of the key approaches. The scope of this multi-disciplinary study includes the selection of a suitable site, preliminary technical and impact assessments, site investigations, preparation of an outline design for the engineering works, formulation of the implementation strategy and programme.

+++++++      ++++++      ++++++

**Mike Bishop. FICnstM. Editor  
Overseas Secretary Governor  
01962 713000 [bishop1ue@btinternet.com](mailto:bishop1ue@btinternet.com)**