



August 2012 Newsletter

Written by Ted Stubbersfield for

# INFRASTRUCXION PTY LTD

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Dear Reader,

### **Grantham Beautification Opened**



The Grantham railway bridge after the flood, image courtesy of Bruce Horrocks of the Gatton Star



The Grantham railway bridge now with Infrastrucxion Std heavy duty traffic barrier and bollards in foreground



Robust toilet block with traditional cladding



Large storage area at back of toilet



Lindsay 6x6 shelters



New BBQ table developed for project



Platform designed by Cardno



Standard Infrastruxion heavy duty seat

**Credits**

Landscape Architects: Cardno (Qld) Pty Ltd

Construction: Scotbar Civil

Landscape supply: Infrastruxion

On Saturday 28<sup>th</sup> July the Grantham beautification was opened by Senator Furner. It was supposed to be opened by the PM but the story I heard was that they did not know whether to put the name of Julia or Queensland's favourite son, Kevin on the official invitation, hence the substitution. I don't imagine that was right though.

The devastating inland tsunami that rocked our valley in January 2010 left 17 dead or missing from the township of Grantham (20 from the whole shire). The debris on the railway bridge became symbolic of the horror of that day. The response by all levels of government was unprecedented. A new town was rebuilt on high ground. I have given updates on the rebuilding of the community in two previous newsletters. (See links below).

The commercial centre of Grantham was hardly vibrant beforehand but now, apart from a shop in a

demountable building and a servo it is nonexistent. In its place are two expanded parks which utilise landscaping products and a toilet from Infrastrucxion and copious quantities of Helidon sandstone. The Client required traditional weatherboard cladding on the toilet and we could easily accommodate this.

Many of the residents are still traumatised and the park will provide a tranquil area for help with the healing. The layout is intended to allow the area to be used for markets.

## Links

Update to Grantham floods (Nov 2011 Newsletter)

[http://www.outdoorstructures.com.au/pdf/osa\\_newsletter\\_10\\_11.pdf](http://www.outdoorstructures.com.au/pdf/osa_newsletter_10_11.pdf)

Opening of new Grantham township (Jan 2011 Newsletter)

[http://www.outdoorstructures.com.au/pdf/osa\\_newsletter\\_01\\_12.pdf](http://www.outdoorstructures.com.au/pdf/osa_newsletter_01_12.pdf)

## Specifying Sandstone



One of the sculptures from the SIA symposium held at Warrego Wines, Marburg.



Sandstone entry and OSA Bollards at Grantham old township beautification



Sandstone edging with Cardno Platform by OSA at new Grantham township



Sandstone Seating and garden edges new Grantham township. Shelter by Cardno

Last year the inaugural SIA International Sculpture Symposium was held at Warrego Wines, Marburg near the Lockyer Valley. At a dinner for the supporters just prior to the close, I sat opposite a sculptor from Uruguay. I have seldom seen anybody so exhausted and he was cursing Helidon sandstone. He complained that back home sandstone was so soft you could carve it with a fork, but this confounded (not the actual word used) stone was as bad as granite!

A long time ago, when I was a lad, this stone was known locally as Helidon freestone, not sandstone. A freestone is a stone that can be worked in every direction, not just along its grain like slate. Because of the

very fine particles that it is made from, Helidon sandstone is ideal for carving and large volumes are being sent to China for that purpose. The Helidon stone is also a freestone for a very different reason. It is free of salt as it was laid down by fresh water. This means that the Helidon stone does not get the salt blooms often seen on lower cost imported sandstone which can lead to rapid deterioration. The permanence of the Helidon stone can be seen in Brisbane in the Treasury Building, Queensland Parliament House and the University of Queensland.

The construction of the new Grantham township, followed up by the beautification of the old town mixed our product with large quantities of Helidon sandstone. Helidon is very close to Grantham hence the connection. The effect is stunning especially when the stone is dressed. For designers considering using sandstone it is important to specify "Helidon Sandstone" to get the permanence and beauty you expect

The stone at both these projects was supplied by Scotbar Civil, Direct: 07 5466 1748 Mob: 0459 997 229  
(This is not a paid advertisement)

## Links

Inaugural SIA International Sculpture Symposium, a regional partnership between Lockyer Valley, Somerset and Ipswich Councils.

<http://www.youtube.com/watch?v=oi8eg7e9Kqg>

New Grantham Township

[http://www.outdoorstructures.com.au/pdf/osa\\_newsletter\\_01\\_12.pdf](http://www.outdoorstructures.com.au/pdf/osa_newsletter_01_12.pdf)

## Sleepers in landscaping



One of my readers asked me to give you a reminder.

When I was a little boy I said a word that I should not have used where my mother could hear. Bless her, she washed my mouth out with soap. Did it work? Not totally but I was careful where I used that word again. There is a word which almost justifies a mouth washing when used by a professional. That word is ***sleeper***. It is a product with no specification, no engineering, no performance guidelines, and is almost certainly CCA treated on top. Specifying sleepers is Number 4 of my Seven Deadly Sins of Timber Design. Follow the link to read all about it. I am taking that section down in a couple of months.

## Links

External Timber Design Note 4

[http://www.outdoorstructures.com.au/pdf/etdn\\_4.pdf](http://www.outdoorstructures.com.au/pdf/etdn_4.pdf)

## First Somerset Bridge



Somerset bridge with Queensland handrail ready for dispatch

We have built our first Somerset series bridge. This pipe is constructed on a heavy pipe rather than two universal beam, This bridge is economic in the 11 to 12m range. A pipe is as strong in every direction so is ideally suited for applications where there is inundation.

Link

Somerset Brochure

<http://www.outdoorstructures.com.au/pdf/osa-summerset-series-bridge.pdf>

## Fabrication Services used by OSA and Infrastrucxion



Gangways built by DWW with Infrastrucxion Deckwood

When I first started making Deckwood we had a faithful customer, Darra Welding Works (now trading as DWW Engineering) that used large quantities on their aluminium gangways. When I started making steel bridges I felt duty bound to get my steel fabrication from them. It was the best thing that could have happened. We got our quotes quickly and price competitive, well constructed steelwork always arrived on time. The images above are of two recent gangways built by DWW with our Deckwood. The Somerset bridge also was fabricated for us by them. Over the years they have become friends, not just suppliers as we have a shared ethos.

If you need steel or aluminium fabrication we are happy to commend them to you. The contact details are Pius Studer, Mobile 0408 602482 or Ph 07 3375 5841

(This is not a paid advertisement)

Link

DWW Website

<http://www.dww.com.au/>

## Why You Need Consultancy Services by Ted Stubbersfield

I recently saw a prominent boardwalk being constructed with a look alike of our Deckwood. The timber looked good quality but they had dressed the face of the decking instead of having a natural sawn face. It will be very slippery when wet especially considering it is on a slope. The producers of our Tanacoat said to us, don't supply Tanacoat to that job as it was potentially a litigation nightmare. The Decking was fastened to CCA treated joists, how is the customer going to dispose of it as I imagine it will be difficult in 50 years time. Bolts were very close to the end etc etc. We could have helped the client from the design stage through to confirming the supply to specification.

If you are designing a timber structure and not talking to us you can be exposing yourself to a lot of unnecessary stress. Who else in this industry will ring you and tell you have a problem. Who else in the industry will care.

Contact me on 07 54625532 or by email to discuss how I can be of assistance to your organisation.

## Bridge Quote Requests

If there is any doubt that OSA make the best kit bridges in the country look at the Berrinba Wetlands Project <http://www.outdoorstructures.com.au/gallery.php?gid=95&SID=2> Not all bridges are equal. After encountering three bridges in one month that did not meet the Bridge Code I wrote the May newsletter. Refer to it when assessing the suitability of quotes.

[http://www.outdoorstructures.com.au/pdf/osa\\_newsletter\\_05\\_10.pdf](http://www.outdoorstructures.com.au/pdf/osa_newsletter_05_10.pdf)

Steel bridge Quotation Request Form [http://www.outdoorstructures.com.au/bridge\\_request.php?Mode=st](http://www.outdoorstructures.com.au/bridge_request.php?Mode=st)

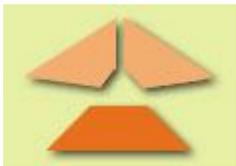
Timber Bridge Quotation Request Form [http://www.outdoorstructures.com.au/bridge\\_request.php](http://www.outdoorstructures.com.au/bridge_request.php)

Regards

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