



Improvement of the 5th Industrial Intersection – Sharjah (Sh.Mohd Bin Zayed Road) Phase (3)

Sh.Mohd Bin Zayed Road in Sharjah at the National Paint Roundabout is currently under construction with four lanes to be added to the flyover. The project in Sharjah which cost nearly Dh1 billion is divided into three phases and covers approximately nine kilometres.

Traffic congestion at the National Paints roundabout area in Sharjah will be a thing of the past in a short time, once the Ministry of Public Works revamps it with the addition of two more lanes on the flyover in either direction

THE SOLUTION

For the Expansion joints in the bridge, which take a heavy load due to continuous flow of light and heavy vehicles, Fosroc specified full system comprising of a strong and flexible material which will easily fill the expansion joints and allow movement in the joints. **Nitomortar S for re-profiling**, In addition **Nitomortar TS as transition strip filler** and **Colpor 200 sealant(with Primer 20) used for filling bolt holes** in rubber modular bridge expansion joints were also specified. All the three products were approved over other competitor products and applied.

THE BENEFITS

Traffic congestion was eased upon the project completion. Ministry of Public Works and PARSONS Overseas were satisfied by our products and site support, as the roundabout is the main link from Sharjah to Dubai and Abu Dhabi. The work had to be completed within the given time frame and it was completed because Fosroc provided a complete **engineering solution** for the modular rubber bridge expansion joints with expert onsite supervision and training.

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Sharjah- UAE

CUSTOMER

Ministry of Public Works

Consultant

PARSONS Overseas Ltd.

SECTOR

Infrastructure

DATE

Feb 2014

PRODUCTS

- Nitomortar TS
- Nitomortar S
- Colpor 200



Bridge Transition Strip surface preparation by Nitomortar S



Nitomortar TS application



Colpor 200 sealant application