



▲ *Architectural Wall finish: 2 percent caramel colour with off form and sand blast finish*

The Queensland Department of Main Roads awarded the contract for the Sandgate Road Sub Arterial – Nundah Bypass to Abigroup Contractors in February, 2000.

The project, located 8 kms north east of Brisbane, provides an off ramp bridge structure and cut and cover tunnel to bypass a congested area of strip shopping and traffic lights.

Scope of works performed

- Design, fabricate and supply the Reinforced Soil Walls (VSoL® Retained Earth)
- The four walls totaling 1690 m² of area, were designed and supplied between June 2000 and January 2001.

The section of work to design, fabricate and supply the Reinforced Soil Walls (VSoL® Retained Earth) was awarded to VSL in April, 2000.

Due to staging requirements for traffic management, the four walls totalling 1690 m² of area, were designed and supplied between June 2000 and January 2001.

The Specified architectural requirement on the project provided for a 2 percent caramel colour in grey concrete.

The finished panel surface was sand blasted to a nominated level and then off form above this level.

All panels were 2.0 m in height and 2.0 m in width and the walls had a maximum height of 7.5 m.



▲ *Assembling of panels*



▲ *View back to Bridge Structure*

▼ *Main Tunnel approach wall for Nundah Bypass*



OWNER
Queensland Department Main Roads

ENGINEER
Arup

MAIN CONTRACTOR
Abigroup Contractors (QLD)

VSoL® WALLS - DESIGN AND SUPPLY
VSL Prestressing (Aust.) Pty. Ltd



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