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VSL Middle East completed the design and supply of VSoL<sup>®</sup> Polymeric reinforced soil walls to a number of camel underpass structures on the Abu Dhabi to Dubai Truck Road project.

#### **Scope of works performed:**

- Design of VSoL<sup>®</sup> Walls
- Rental of Moulds
- Rental of Liners
- Supply of Polymeric Friction Ties
- Supply of Accessories
- Site Supervision

The Truck Road is a dedicated link for heavy vehicles travelling between the Emirates of Abu Dhabi and Dubai and traverses along desert areas cutting across traditional camel routes.

In order to maintain access for the camels a number of camel-crossing underpass were required which comprise a reinforced concrete box structure with the VSoL<sup>®</sup> Polymeric System Walls supporting the approach ramps.

The walls are up 12.0 high and designed to take a heavy goods vehicle crash barrier containment loading.

Pre-casting of the reinforced concrete facing panels was undertaken on site by the main contractor in order to minimise transportation and handling costs.

To accommodate culvert intrusions and escape staircases which were incorporated into the VSoL<sup>®</sup> walls, a large number of special panels were required to complete the walls.



**PROJECT**  
Abu Dhabi to Dubai Road

**OWNER**  
P. W. D.

**MAIN CONTRACTOR**  
Copri

**ENGINEER**  
RPT

**VSL ENTITY**  
Middle East

◆ *The completed wall*



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