

# Technique

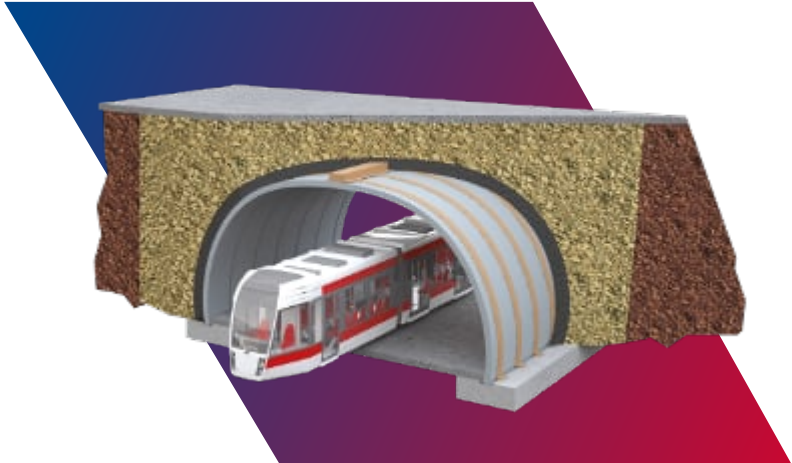


## Reinforced Earth®

The original Reinforced Earth® technique combines select granular, engineered backfill with steel or synthetic tensile reinforcements and a modular facing system. This ideal combination creates a durable, mass gravity retaining wall.

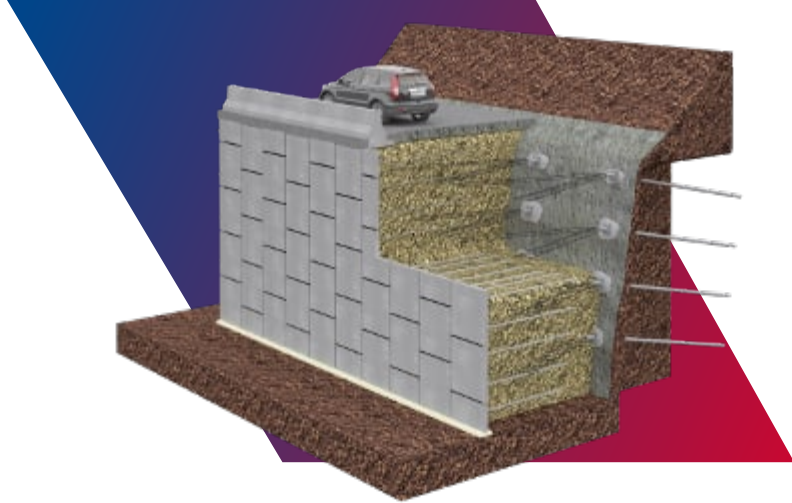
## TechSpan®

TechSpan® is a precast concrete arch system associated with an engineered backfill.



## TerraLink®

TerraLink® allows building new Reinforced Earth® type walls connected to retaining structures such as slopes stabilized by nailing or existing retaining wall.



Engineering expertise,  
innovation and excellence  
in client care to deliver  
sustainable solutions.



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Urban Mobility  
METROS, LIGHT RAIL & BUS RAPID TRANSIT SYSTEMS





# Constructive solutions for urban mobility projects

## Limited land use for a better urban integration

Urban mass transportation projects are made very complex by the lack of available space in cities. In comparison to other techniques, Reinforced Earth® **requires limited footprint** and, as such, makes easier their integration in urban environments.

## High technical properties and flexible geometry

Reinforced Earth® retaining structures are used in many countries to support high speed and heavy railways. Our techniques simultaneously provide unique key benefits such as **strength, resilience and durability**.

## Effective and safe construction methodology

The Reinforced Earth®, TechSpan® and TerraLink® techniques are widely used in public infrastructure projects because they require only a **short construction time** and a **minimum right-of-way** so traffic disruption is considerably reduced.

## Successful landscaping and architectural integration

Reinforced Earth® offers **limitless aesthetics possibilities**. Around the world, our teams are used to work closely with architects and city planners to design tailored solutions that meet the most exacting architectural and environmental constraints.

# The value of experience of the worldwide leader in Reinforced Soils for your city

## Metros, Light Rail & Bus Rapid Transit systems



## Local experience, world expertise



TransOlympica, Bus Rapid Transit – Rio de Janeiro, Brazil



Dallas Rapid Transit – Texas, USA



Gold Coast Rapid Transit – Australia



Eagle P3 – Denver, Colorado, USA



T-REX Project – Denver, Colorado, USA



Tramway line A – Bordeaux, France

## In major cities around the world, Geoquest solves urban mobility challenges



Bus Rapid Transit – La Martinique, France



52nd Street – Calgary, Alberta, Canada



Tramway line 3 – Paris, France