

PEACE BRIDGE LONDONDERRY/DERRY, NORTHERN IRELAND, UNITED KINGDOM

Reinforced Soil Walls and Slope Reinforcement

Problem

The Peace Bridge spans the River Foyle which runs through the centre of Derry-Londonderry in Northern Ireland and is the centre piece of a wide-ranging regeneration plan to physically and symbolically join two historically divided communities- hence the name, the Peace Bridge.

At the City side the abutments for the 312m long self-anchored suspension bridge are founded on bored concrete piles but at the opposite Ebrington Barracks side an existing grassed embankment meant that a more visually sympathetic solution was required.

Solution

A 40m long, 8m high Green Terramesh® reinforced soil abutment wall to surround and support the high-level bridge bank seat and integrate seamlessly with the grassed banking.

This solution also allowed the creation of a flat viewing area at the deck level as well as providing disabled access into the adjacent Barracks parade ground.

Client: Ilex Urban Regeneration Company

Designer / Consultant: Aecom

Contractor: Graham Construction

Products used (Qty.)

Date of construction: 10/2010 - 12/2010

[Google Maps](#)

[Google Earth](#)



Stage one of construction



Construction of the Peace Bridge



Strong vegetation growth



Vegetation growth after 2 months



A view of the completed bridge