

**Segmental Block Wall  
Monaghan**

Location: Monaghan, Ireland  
 Project owner: City Council  
 Date: 2006—2007  
 Product type: Enkagrid PRO 60  
 Quantity: 21,000 m<sup>2</sup>



Freeing up space for the construction of apartment blocks at Monaghan town required to cut back a hill adjacent to the site. To avoid the cost involved in building a large retaining structure with substantial ground anchorage, Anchor Landmark System was chosen to design a segmental retaining wall.

The system includes Enkagrid PRO for maximum design strength and reliable reinforcement during construction and throughout the entire service life of the finished structure.

Secured with a locking bar, 5m wide Enkagrid PRO reinforces every other layer of this wall built to a height of nine meters with a face angle of 87° and a surface area of 500m<sup>2</sup>.

Worldwide, the combination of Anchor Landmark and Enkagrid PRO is enjoying increasing popularity. Segmental retaining block walls are fast to build, provide great safety during construction and create aesthetically appealing surfaces.

The information set forth in this case study reflects the best knowledge at the time of publication. The case study is subject to change pursuant to new developments and findings. The same reservation applies to the properties of the products described. No liability is undertaken for results obtained by usage of the products and information.



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