01 HÉROES DEL CHACO BRIDGE APPROACHES

SLOPE REVEGETATION AND EROSION CONTROL — ASUNCIÓN

CASE STUDY · PARAGUAY



The Ece crew applying hydraulic mulch on one of the approach slopes

HM+TRM
HYDRAULIC MULCH + REINFORCEMENT MAT

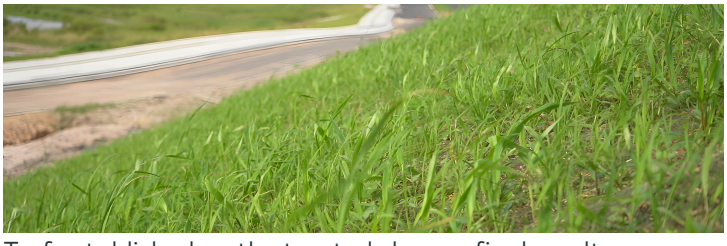
100%
VEGETATIVE COVER ON THE TREATED SLOPES

2 in 1
LANDSCAPE + EROSION CONTROL

The challenge: the slopes of the complementary works of the Héroes del Chaco bridge — the new gateway to Asunción — needed protection that would withstand rain on freshly shaped soils and also offer a landscape worthy of a landmark project.

The solution: on the **slopes**, Ece did the complete execution: **hydraulic mulch** applied over the shaped soil and **vegetation reinforced with mats** turf reinforcement, with immediate erosion protection and a permanent green surface. The access ramps, with their wall, are a different scope of the same project and are not part of this case.

> **The versatile system:** where the slope demands more, the reinforcement mat anchors the roots; where the landscape rules, the vegetation takes the lead. A single work front, with Ece crews.



Turf established on the treated slope — final result



Freshly seeded slope beside the carriageway; at the toe, the turf reinforcement mesh already in place

PROJECT FILE

Project	Ancillary works, Héroes del Chaco Bridge
Location	Asunción, Paraguay
System	Hydraulic mulch + turf reinforcement mat
Scope	Approach slopes: complete execution by Ece (the ramps are a different scope)