‘Passerella Volante’ is a proposal for a pedestrian bridge in Civita di Bagnoregio, Italy. Using the existing concrete pillars from a 20th century concrete bridge, the new lightweight timber construction reestablishes the historic line of the 18th century ridge that has undergone extensive ground erosion. While connecting the villages of Civita and Bagnoregio, the bridge creates a new dialogue between the historic place and the dramatic landscape around. The varied width of the deck allows people to sit and enjoy the panoramic view of the valley and neighboring hill towns. The double-helix structure covering the walkway is equipped with colored canopies, offering protection from wind and sun, and photovoltaic panels that power the evening illumination of the bridge.
031 Passerella Volante

- **CHARACTERISTICS**

  **Client:** Civita di Bagnoregio, Italy  
  **Background:** A 1960s concrete bridge in need of replacement, Architectural competition  
  **Objectives:** Create a bridge for people to enjoy the site and to improve access to the village of Bagnoregio  
  **Concept:** Bridge with seating, exhibition spaces and canopies  
  **Location:** Civita di Bagnoregio, Italy  
  **Materials:** Laminated timber, steel, aluminum, canvas, solar panels  
  **Structure:** V-columns and laminated timber deck; double-helix canopy structure  
  **Technologies:** Laminated timber, LED illumination  
  **Assembly:** Built up in segments on existing concrete pillars, then removal of old bridge  
  **Dimensions:** Varying width 3.5 > 7.5 m, length 280 m, height 5 > 10m  
  **Weight:** 52,000 kg

- **CREDITS**

  **Design Team:** Architecture and Vision - Arturo Vittori & Andreas Vogler  
  **Collaboration:** Giuseppe Mosetti, Maddalena Dalla Mura  
  **Engineer:** Arup, Rome, Italy