

## Pavement System Protects Channel from Erosion & Runoff

The San Diego Gas & Electric Eco Substation Utility project in Southern California is located in eastern San Diego County, within the Jacumba Mountain range near the U.S. border with Mexico. The mountain range reaches an elevation of 4,512 ft at Jacumba Peak. This 92-acre construction site is centered directly within the mountain range and is a critical artery for the transmission of electricity to the San Diego region.

Pacific Restoration Group installed Drivable Grass over TenCate Miramesh fabric with 12-in. steel pins. It was designed into the project as a hard armor permeable system to protect a large drainage channel from soil erosion and to control storm water runoff. The channel is located on the project's highest eastern elevation. The drainage channel consisted of approximately 20,000 sq ft of Drivable Grass, which was installed in February 2014.

Drivable Grass was chosen for this project because it is a permeable, flexible and plantable concrete pavement system. It is designed with an engineered polymer grid that allows flexibility and conformity to irregular ground



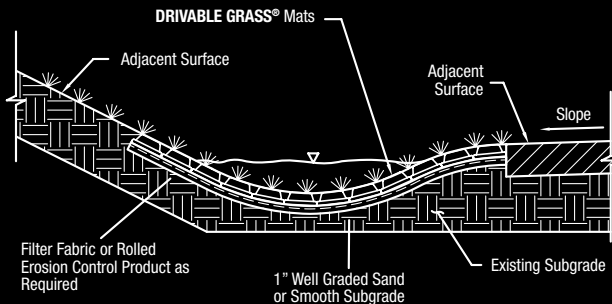
surface contours along predefined linear grooves, while providing the intended structural support. Planted or non-planted, it is an ideal solution for a variety of soil stabilization applications.

Once a construction site is graded and prepped, a five-man crew can install between 2,000 and 3,000 sq ft of Drivable Grass per day.

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## DRIVABLE GRASS®

For Erosion Control and Drainage Swales



Drivable Grass® is an ideal solution for erosion control protection when used in **bio-swales, road shoulders, roadside swales, infiltration basins, small channels and ditches**. Drivable Grass® is a permanent hard armor system that provides a simple solution to linear projects.



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