

# Pyramat<sup>®</sup> Maintains Natural Aesthetics For Temecula Development

## PROJECT

Crown Hills

## Location

Temecula, CA

## Installation Date

August, 2003

## Owner

Lennar Homes

## Engineer

RBF - Temecula

## Contractor

Murrieta Development

## Product & Quantity:

Tan Pyramat – 5,000 SY

## Approving Agency

City of Temecula

## Usage

Parabolic drainage ditch lined with Pyramat<sup>®</sup> High Performance Turf Reinforcement Mat (HPTRM)

## Notes

At this upscale development in the growing city of Temecula, CA, an existing drainage ditch was left unprotected from the severe erosive forces of flow velocities ranging from 12-14 fps. One major storm caused the channel invert to drop 4 feet due to scour. To fix this erosion problem, the engineer could either armor the ditch with a 3' thick layer of riprap or use an increasingly more conventional system call Pyramat<sup>®</sup> HPTRM. The high tensile strength and resistance to long term UV exposure of Pyramat<sup>®</sup> made it an ideal choice for this region of California, where lush vegetation is typically achieved only through irrigation. With the expected sparse vegetation, the tan color of Pyramat<sup>®</sup> would blend in with the soil to create a natural looking drainage swale rather than a man-made rock lined ditch.



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