

CASE STUDY

HORSESHOE BEND

ZARAMORA CREEK - SAN ANTONIO, TX

EROSION CONTROL



PROJECT SUMMARY

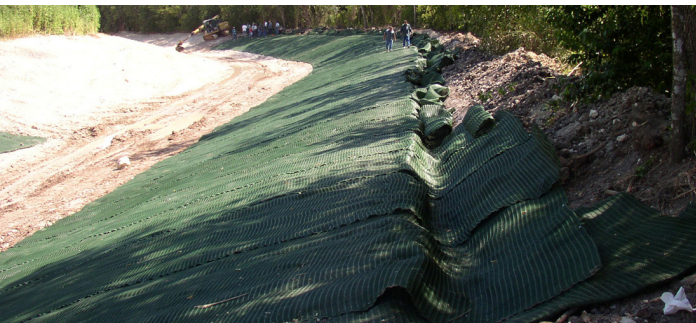
A portion of Zarzamora Creek in northwest San Antonio, TX was severely damaged when an earthen channel failed during a flood. With frequent flooding occurring during rain events, this problem could not be left unsolved. The Federal Emergency Management Agency (FEMA) stepped in and funded the channel's repairs. PYRAMAT® 75 High Performance Turf Reinforcement Mat (HPTRM) was chosen to be installed up the channel side slope for immediate and sustainable protection. This three-dimensional, lofty, woven polypropylene geotextile was specifically designed for erosion control applications on steep slopes and vegetated waterways. Because PYRAMAT® 75 was so successful in its performance; it has since been used on several City of San Antonio projects.



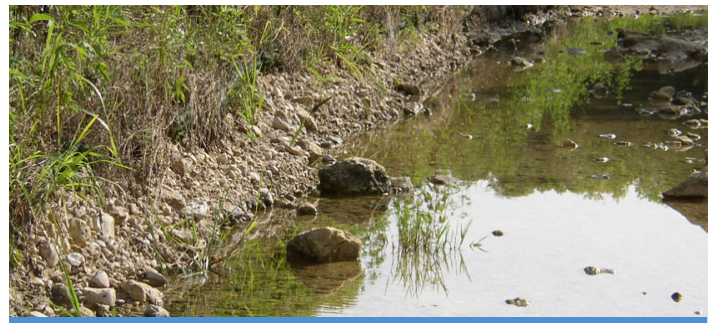
PROBLEM Severe erosion caused by an earthen channel failing during flooding



SOLUTION PYRAMAT® 75 used to stabilize and mitigate future erosion problems



INSTALLATION PYRAMAT 75 was quickly put in place to prevent any further erosion



PERFORMANCE PYRAMAT 75 performed so well that it has been used in several other projects in San Antonio

FEATURES & BENEFITS

- Woven construction is stronger and more durable than traditional TRMs
- Superior UV resistance for up to 75 Year Design Life
- Promotes infiltration of surface water and pollutant removal with a vegetated solution
- Resists heavy duty non-hydraulic stresses such as debris loading
- Quicker Vegetation Establishment with X3® technology
- Available in green or tan to fit specific project needs



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OTHER INQUIRIES OR CALL CUSTOMER
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