

CASE STUDY

VENSEL CREEK RESTORATION TULSA, OK

FLOOD PROTECTION - SLOPE STABILIZATION



PROJECT SUMMARY

Frequent flooding within the Arkansas River watershed in Tulsa, Oklahoma caused incision and major erosion through the Jenks residential community. City of Tulsa Public Works sought a low impact, vegetated solution to stabilize steep stream banks for shallow plane slope failure reinforcement. Propex worked with the City's civil engineering consultant (SAIC) to model and design slope stabilization using the ARMORMAX® Engineered Earth Armoring Solutions™, and provided installation assistance in 2013-14 for the successful completion of the project.



PROBLEM Heavy erosion and slope failure from frequent flooding



SOLUTION ARMORMAX® 75 was designed and installed for steep bank slope stability



INSTALLATION Significant time and cost savings over hard armor solutions



PERFORMANCE Vegetated engineered slope stabilization solution

FEATURES & BENEFITS

- UV-Stabilized for 50-year Design Life
- Engineered Solution for Streambank Stabilization
- Designed for Shallow Plane Slope Failure Mitigation
- Easy and Rapid Installation
- More Cost-Effective than Traditional Solutions
- Proven Technology
- Sustainable Results



VISIT OUR WEBSITE FOR MORE INFORMATION, PRODUCT SAMPLES OR OTHER INQUIRIES OR CALL CUSTOMER SERVICE AT 1.800.621.1273



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