

CASE STUDY

WEST CITY DITCH

KISSIMMEE, FL

CHANNEL SLOPE STABILIZATION



Propex[®]
GEOSOLUTIONS

PROJECT SUMMARY

Years of flash flooding and fluctuating water levels in the West City Ditch made for a dangerous scenario. The City of Kissimmee secured NRCS EWPP grant money to stabilize the ditch before catastrophic infrastructure damage occurred, but the budget was too small for full protection with conventional hard armoring. Propex worked with engineers to model slope stability in rapid drawdown conditions to provide the City with a less expensive, aesthetic alternative in the ARMORMAX[®] 75 system. The solution significantly reduced costly concrete block matting and unsightly riprap.



PROBLEM

Rapid drawdown and seepage erosion led to failed banks



SOLUTION

ARMORMAX[®] 75 was used to stabilize and mitigate future erosion problems



INSTALLATION

Easy, rapid installation - a fraction of the labor of riprap



PERFORMANCE

Significant cost savings with a vegetated solution

FEATURES & BENEFITS

- Improved use of Right-of-Way and Intermodal Alignment
- Immediate and Sustainable Protection
- Up to 75 Year Design Life
- Rapid and Easy Installation
- Quicker Vegetation Establishment with X3[®] technology
- Proven Performance



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



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