

CASE STUDY

FDOT U.S.1 SLOPE REPAIR

INDIAN RIVER, FL

SLOPE PROTECTION



PROJECT SUMMARY

After hurricanes hit Florida portions of US 1 that run adjacent to the Indian River were damaged severely and vulnerable to falling into the river if emergency measures were not taken. Approximately 18,000 yds² of PYRAMAT® 75 HPTM was used to reinforce the slopes. The slopes were reconstructed using standard slope reconstruction practices and the decision was made to protect the slopes with FDOT's type 3 TRM, the highest strength category they require. The design provided enhanced factors of safety and sod on the TRM provided a slope that would be almost instantly protected from future storm surges. The project is a showcase for the Brevard Operations District and the Region which covers nine counties including three coastal counties.



PROBLEM Damaged side slopes leave highway vulnerable to falling into river



SOLUTION PYRAMAT® 75 was used to protect and maintain aesthetics



INSTALLATION Assessment of the damage and project solution after hurricane



PERFORMANCE Vegetation establishment on stabilized slope

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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