

COMITE RIVER DIVERSION CANAL, BATON ROUGE

Protecting homes from flooding events with PROPEX Armormax



Industry: Water
Sub-industry: Rivers, streams and estuaries
Location: Louisiana
Product: **PROPEX**® Armormax®

Solution

The USACE implemented a 19.3 km (12 mi) diversion canal project from the Comite River to the Mississippi River. This extensive project included six segments, control structures, two railroad bridges, and four highway bridges, employing 30,193 m³ (33,000 yd³) of **PROPEX** Armormax with B1 Anchors along the canal's slopes.

Overview

In 2016, Baton Rouge, Louisiana, experienced severe flooding due to excessive rainfall near the Amite River, affecting over 109,000 homes causing \$2.3 billion in residential property damage. This prompted the U.S. Army Corps of Engineers (USACE) to seek flood mitigation solutions.

The initiative proved effective, with vegetation along the canal flourishing, indicating successful environmental integration.

CASE STUDY

Protecting homes from flooding events with **PROPEX Armormax**

Performance

The initiative proved effective, with vegetation along the canal flourishing, indicating successful environmental integration.

The use of **PROPEX Armormax** not only stabilized the canal's banks but also significantly reduced urban flood risk, safeguarding the area against future rainfall and flooding events.



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