



## ITL RCR-12® | DRAINAGE DITCH EROSION SOLUTION, LOUISIANA

### PROJECT OVERVIEW

ITL and QSM approached Pointe Coupee Parish in Louisiana to address a long-standing erosion issue in one of their wide-mouth drainage ditches. Over the past five years, the parish tried various erosion control methods like riprap and erosion control blankets, but none proved effective in halting the widening of the ditch due to channel/sheet flow.

### PROJECT GOAL

Implement a low-cost, permanent erosion control solution with a hard armor system to protect the channel and outfall, preventing further property damage and loss.

### RCR® AS A SOLUTION TO

- Long term erosion concerns.
- Repeated repair cost.
- Time and labor cost compared to alternative concrete methods considered.

### LONG TERM SOLUTION, FOR POINTE COUPEE PARISH.

Pointe Coupee Parish's use of ITL RCR-12® to line this ever-widening channel proved to be right solution to a five year problem. Rapid deployment and effortless connections significantly reduced the project timeline, completing the 5,400 SF installation in just three days (including site preparation). After installation, the innovative use of a sprinkler system for hydration contributed to the material's successful hardening.

Of the alternatives considered (traditional concrete, articulated concrete block, and fabric formed concrete), RCR-12® emerged as the best choice for this project due to several key factors. RCR-12® is a specialized erosion control product that provides hard armor protection against erosion while efficiently handling water flow. Compared to the other methods considered, RCR-12® offered a more cost-effective solution without compromising on performance while enhancing longevity.

One of the standout features of this project was the ability of the municipality to self-perform the installation rather than outsourcing it. This demonstrated one of the significant value additions RCR-12® offers for like municipal and city projects. The hard armor solution provided by RCR-12® is in place to effectively halt erosion, and prevent further damage to the property and termination pond.



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