



ITL RCR-12® | DRAINAGE POND SOLUTION—EL PASO, TX

PROJECT OVERVIEW

Alpha Southwest chose to use ITL Reinforced Concrete Roll® in a drainage pond to explore the benefit of using RCR-12® for rapid deployment and uniformity in place of traditionally poured concrete to prevent slope erosion.

PROJECT GOAL

Protect the surrounding slopes of a retention pond constructed for overflow.

RCR® AS A SOLUTION TO

- Erosion on banks prior to installation.
- Side wall failure issues.
- Stability issues.
- Long term and repeated repair cost.
- Time and labor cost compared to traditional concrete pouring method.



THREE DAY INSTALLATION *Day One:* Grading and trenching performed utilizing 2' down 1' back at the top and bottom of the slope. *Day Two:* 75% of material was deployed for the facing slopes. *Day Three:* remaining 25% of material installed and entire project hydrated using water truck with pump. Comparatively, a local contractor estimated the project would take 1-2 weeks if traditional concrete methods were utilized.



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