Application Report **UNDERGROUND DETENTION**

Comerica Bank Branch Houston, Texas

Putting storm water detention under the parking lot of this branch bank meant the project required a lot less real estate.

The Raintank underground detention system's minimal footprint, a result of it's highly efficient 95% void storage space, allowed designers to meet detention requirements under just one parking lot instead of both, as originally planned. Doing so minimized site disruption and improved constructability on this fast-paced project.

When project ROI drives the business decision on how to handle detention, the increase in productive, income producing property gained by eliminating a surface pond makes putting detention underground an easy decision. Raintank's high strength and H20 loading capability make putting detention under parking lots the best alternative. It's highly efficient storage, modularity and flexible design parameters typically allow Raintank to be the most cost-effective solution.

USING RAINTANK INSTEAD OF THE ORIGINALLY SPECIFIED ARCHED CHAMBER SYSTEM, NETTED PROJECT SAVINGS IN EXCESS OF $200,000—AND CUT TOTAL EXCAVATION IN HALF.

System
Atlantis Raintank
Stored Volume
32,500 CF
Tank Dimensions
80' x 95', 4.3' Deep

Civil Engineers
Kimley-Horn and Associates
General Contractor
Fast-Trak Construction, Inc.
Utility Contractor
Earthworks & Utilities, Inc.

CONSTRUCTION ECO SERVICES

ANOTHER COST-EFFECTIVE STORM WATER MANAGEMENT SYSTEM FROM

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