



THE TRINITY
DALLAS

Able Pump Station

Featuring the Largest Concrete Volute Pumps in U.S.



Rendering of Able Pump Station

Location:

Able Pump Station
615 S. Riverfront Blvd.
Dallas, TX 75207



Baker No. 3 Pump Station

The Able Pump Station is currently comprised of two pump stations serving the Central Business District. Small Able was originally built in 1932; Large Able was built in 1954. The current combined capacity of these pump stations is 220,000 gallons per minute (gpm).

The new Able Pump Station is under construction along Riverfront Boulevard not far from Fuel City. The station will feature concrete volute pumps, the same kind of pumps that are installed in the recently completed New Pavaho and Baker No. 3 Pump Stations.

The new Able Pump Station's pumping capacity is designed to be 880,000 gpm when it is complete in November, 2017.

Project Developer: City of Dallas, Trinity Watershed Management

Design Engineer: HDR Engineering, Inc.

Architect: GSR Andrade Architects, Inc.

Builder: BAR Constructors Inc.

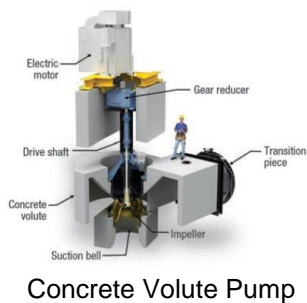
Cost and Financing: \$68,600,000
Financing: 2006 (Design) and 2012 (Construction) Bond Funds

Building Size: 23,228 sq. ft.

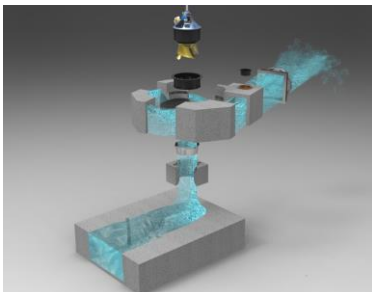
Completion Date: November, 2017

Pump Station Features:

Four (4) Concrete Volute pumps with a pumping capacity of approximately 880,000 gpm total capacity, and two low-flow pumps with a total capacity of 25,000 gpm.



This will be the third state-of-the-art pump station with Concrete Volute Pumps in the United States. The design for this kind of pumps is different because the suction box and volute are made of reinforced concrete rather than metal and are formed as an integral part of the pump station structure. The pumps are provided by Flowserve, Inc. headquartered in Irving, Texas, a leading provider of flow control products and services in the global infrastructure markets.



Water Flow Illustration

Concrete Volute Pumps are high reliability pumps in use throughout the world because of sustained efficiency, corrosion-resistance, reduced vibration, and lower overall maintenance costs because they do not have to be serviced as frequently as conventional metal pump systems.

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