

Project:

Lake Maumelle Platform
& Intake Structure

Location:

Roland, AR

Owner Representative:

Central Arkansas Water
Dennis Yarbro
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Engineer:

Garver Engineers
Dee Brown
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Contract Amount:

Original - \$1,580,000
To Date - \$1,665,536

Start / Completion Date:

June 2002 / September 2004

**Description of the project:**

Maumelle Intake Pump Station provides a majority of the raw water for the City of Little Rock. This project is critical to enable the City of Little Rock to continue to meet the growing demands for water. It will increase their intake pumping capacity from 100 MGD to 130 MGD, with provision for a future 2000 HP pump, and another 30 MGD. This project includes (3) 900 HP Pumps, 13.8kV with Medium Voltage Drives. It also improves the reliability with a new double ended Medium Voltage Switchgear lineup for redundant utility connections, and includes back-up generators. This new switchgear, which includes the latest “Arc Resistant” design, will serve the existing pumps as well as the new pumps.