

Lake Charles Dam Renovation

Roswell, Georgia



J.M. Wilkerson Construction Co., Inc. was selected as the general contractor for the Lake Charles Dam renovation project in Roswell, GA.

This category 1 High Hazard Dam renovation project included the removal of existing spillway systems and installation of internal drainage structures from the lake. A new Principle Spillway systems, Consisting of reinforced concrete riser structure and a 60 ft. pre-stressed concrete cylinder pipe was constructed. A new auxiliary spillway, consisting of two articulated block-lined channels were constructed as well. A portion of the embankment was also removed and re-compacted in order to construct the new spillways. New internal drainage systems were installed and sediment accumulations in the lake bed were reduced or removed.

Owner

The City of Roswell Georgia
Jean Rearick, City Engineer
770.594.6196

Geotechnical Consultant

Piedmont Geotechnical Consultants
Karl Myers
404.314.2883

Start Date

January 2008

Completion Date

July 2008

Contract Amount

\$1.4 Million



Building for Generations