

## C-51 Reservoir Loxahatchee, FL



### PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction installed twin drives of 96" FRP direct jack via MTBM totaling 1912 LF. The project was located in Loxahatchee, FL and the tunnels we installed through geotechnical conditions ranging from silty sand with shell fragments to limestone. The twin tunnels were located near an active quarry, under MSHA rules and regulations.



### PROJECT INFORMATION - 621

#### OWNER:

Palm Beach Aggregates  
Albert Moragues  
561-795-6550  
albertm@palmbeachag.com

#### ENGINEER:

Northstar Contracting  
Brent Anderson  
561-684-5474  
banderson@northstar.com

#### CONTRACTOR:

Phillips & Jordan Inc.

#### COMPLETION DATE:

1/23/2023

#### GEOLOGY:

Silty Sand, Limestone

#### EXCAVATION METHOD:

Herrenknecht AVN-1800 MTBM

#### MINING DIMENSIONS:

1912' x 96" Ø FRP

#### FINAL LINING:

N/A

#### FOR MORE INFORMATION:

Chris Flanagan, Project Manager  
410-970-8300  
cflanagan@bradshawcc.com  
Refer to Project 621