



PROJECT PROFILE

ASHLEY OUTFALL REPLACEMENT ST. JOHNS COUNTY, FLORIDA

» Key Project Elements

- Site design
- Assistance with project bidding
- Construction administration
- Permitting with St. Johns County and St. Johns River Water Management District

» Owner

Flagler Estates Road and Water Control District

» Contact

Linda Gee, District Administrator

» MDG's Role

Prime engineering consultant

» Status

Completed 2011

» Contract Amount

\$59,700



Reinforced pipes convey water flow from the Ashley Canal.

Matthews Design Group (MDG) engineered a complete replacement of the crossing on Sixteen Mile Creek near Flagler Estates Road and Water Control District. This existing crossing consisted of 11 deteriorating 30-inch corrugated metal pipes in danger of failure. Replacement design specified five 72-inch reinforced concrete pipes and another three 72-inch pipes to direct water flow from the Ashley Canal. Project design included armoring the channel banks to prevent erosion.