

Project Spotlight

Swallowfork Subdivision

This dirt road subdivision in Callahan, Florida, contains over 100 residential homes. The drainage improvement project was designed to improve the subdivision by adding ponds and underground drainage systems. The Department quickly realized the approximate \$300,000 budget would not be sufficient, so all of the driveways and cross drains were replaced, and ditches were re-graded to achieve proper flow. Outfall ditches were re-established, the road was stabilized, and a double chip seal was applied to 1.3 miles of roadway.



The Nassau County Road and Bridge Department successfully used existing outfall ditches and adjusted elevation grades to re-route the roadside drainage. All work was done in-house as a design-build by department supervision.



The subdivision had weekly maintenance (grading) and the drainage needed to be improved. The work eliminated the weekly grading, and significantly improved the road conditions.

The community, that was experiencing flooding, excessive standing water and a road that was constantly in need of maintenance was improved to a double chip sealed road and a drainage system that would efficiently drain roadways and properties under normal rainfall events.