



# Jabrad Borrow Pit St. Johns County, FL

## Project Description:

Matthews Design Group, Inc. (MDG) completed engineering and site design for a proposed borrow pit. This property is composed of two vacant parcels with a total acreage of 20.0 acres zoned OR. The property is located south of CR 204 and west of US1. The proposed borrow pit was buffered from the adjacent county road with a 150' buffer of preserved trees. The borrow pit design includes a rim ditch to recharge water back into the earth, ensuring no negative groundwater impacts to the neighboring lands. MDG was also successful in obtaining a special use permit from St. Johns County Zoning Department.

**Project Manager:** Rob A. Matthews III, P.E.

**Project Status:** Construction

**Client:** Ross Excavating, Inc.

MDG services provided:

- Special use application with St. Johns County
- Reviewing geotechnical features to determine design depth
- Final engineering
- Permitting with St. Johns County, FDEP, and SJRWMD
- Hydro geological and groundwater study by sub consultant