



The City of Palm Bay Public Works department is constantly evaluating the city swales and drainage system covering over 1,500 miles.

PUBLIC WORKS SERVICES

- Drainage
- Trenching Swales
- Canal Maintenance
- Solid Waste
- Surveying
- Sidewalks
- Roadways
- Engineering
- Mowing
- Project Management
- City Fleet Maintenance
- And more

PUBLIC WORKS CUSTOMER SERVICE

Contact us



321-952-3437



PWCustomerService@pbfl.org

BE PART OF THE SOLUTION

You can Contact the following
for more information:

Florida Department Of Environmental Protection Nonpoint Source Management

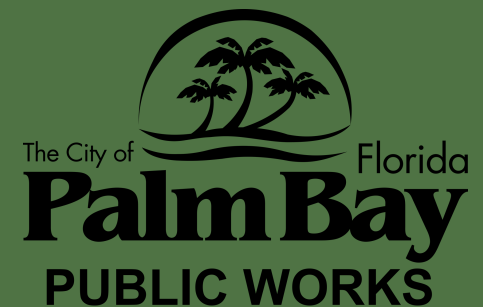
2600 Blair Stone Rd.
Tallahassee, FL 32399
805-245-7508

St. Johns Water Management

525 Community College
Parkway, S.E., Palm Bay, FL
32909
321-984-4940
800-295-3264



SWALES & MAINTENANCE



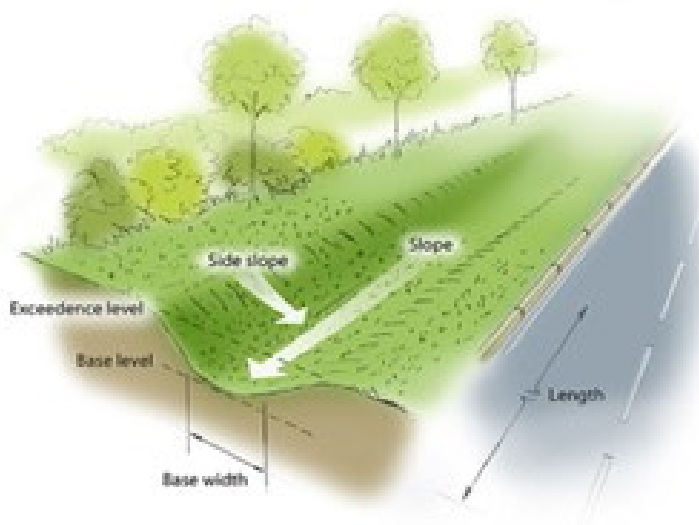
TRENCHING SWALES

Public Works does have a Swale Trenching Schedule. If your swale is holding water for long periods of time you can make a trenching request through customer service.

Trenching requests are handled by severity and the order in which they were received. Swales with no standing water will be trenched as scheduled.

Trenching is a good maintenance tool and will not cure all issues. Culverts must also be kept in good working conditions to maintain proper flow.

Remember swales are designed for ponding to allow percolation into the ground water.



FAQ

Frequently Asked Questions

WHAT IS A SWALE?

A swale is designed to collect storm water and deliver the runoff to canals and waterways prior to discharging into the rivers. A swale also holds and contains water during heavy rains.

WHAT IS A CULVERT?

Culverts are pipes that allow water to continue to flow through a swale and allow driveways and access over the top of a swale.

HOW LONG SHOULD MY SWALE HOLD WATER?

To allow flow and percolation to occur 3 to 5 days should be given after rainfall. Remember that consecutive days of rainfall will add additional time to drainage.

DOES GRASS EFFECT FLOW?

Tall Grass and overgrowth can cause slowdowns in the flow of a swale. This is why regular maintenance is needed.

HOW TO KEEP A HEALTHY SWALE

- Let water pond, swales should temporarily hold water for 3 to 5 days from the last rain.
- Mow the swale but keep it at a good grass growth.
- Remove trash, compost leaves and grass clippings from the swale.
- Minimize use of fertilizers, pesticides, and herbicides
- Keep culvert openings free from dirt and trash.
- Do not park or drive through the swale area.
- Replace or repair older failing culvert pipes