

# **STORMWATER MANAGEMENT**

## **SYNOPSIS**

- **Stormwater Management consists of three interconnected elements: Flood Control/Drainage, Water Quality, and O&M**
- **Two of these are as old as civilization – Flood Control/Drainage and the O&M needed to assure adequate Flood Control/Drainage**
- **Water Quality is the newest element first appearing in the 1970's, with the first major regulations in the 1980's, with ever more stringent regulatory requirements bringing us to the present with many specific regulatory programs: VSMP, E&S, TMDLs, and the NPDES MS4 program (all this the subject of the June 7, 2016 presentation to Council)**
- **Sea Level Rise and the apparent increase in the frequency of storms with major rainfall is revealing those areas now (or soon to be) experiencing Recurrent Flooding (this topic was included in the April 22, 2014 presentation to Council)**

- **Recent storm events have produced major flooding in several areas such as Ashville Park, Sherwood Lakes, Windsor Woods, PA Plaza/Pecan Gardens, the Lakes, Eastern Shore Drive, and the Central Resort Area (Two of these have been subject of previous council presentation: Central Beach District Drainage – June 23, 2015 and Eastern Shore Drive Drainage Improvements Project Briefing Part II – April 22, 2014.)**
- **Funding for Stormwater Management has not kept up with these increasing demands**
- **The presentation to Council on December 13, 2016 identified the main current unfunded needs in Stormwater Management**