

The SWC members represent a wide cross section of the community

SWC Members	
Elliott Norwood – District 1	Danny Rountree - Contractor
Rodney Flucas District 2	Angela Wall - SGRC
Sonny Vickers – District 3	Dan Deaver - Engineer
Danny Parkinson – District 4	Connie Ledbetter – Community
Alan Sanderson – District 5	Henry Calhoun – Community
Elton Cowart – District 6	Jeff Lovell – At Large/Engineer
Can Denizman - VSU	Danny Sermons – Community
Ginny Holton - Community	

Agenda

- ◆ SWC objectives and activities
- ◆ SWC recommendations
- ◆ Schedule update



As part of the stormwater Master Plan Update the City created a Stormwater Committee

- ◆ Objective: Discuss the specific stream stormwater issues of Valdosta, as seen by different sectors of the community (residents, contractors, businesses)
- ◆ Objective: Identify a set of goals for the City that can be used to properly identify the need for Capital Improvement Projects (Level of Service)



The Stormwater Committee (SWC) met monthly since November 2009

- ◆ Nov 17 2009 – Introduction
- ◆ Dec 1 2009 – Regulations and Existing Program
- ◆ Jan 19 2010 – Typical Elements - Levels of Service (LOS)
- ◆ Feb 23 2010 – Level of Service Discussion
- ◆ Mar 23 2010 – Recommendations to Council
- ◆ Apr 20 2010 – Extra Meeting to Discuss Volumetric Control



Current Regulations and Existing Program

1. Stormwater Related Agencies



2. City Stormwater Functions

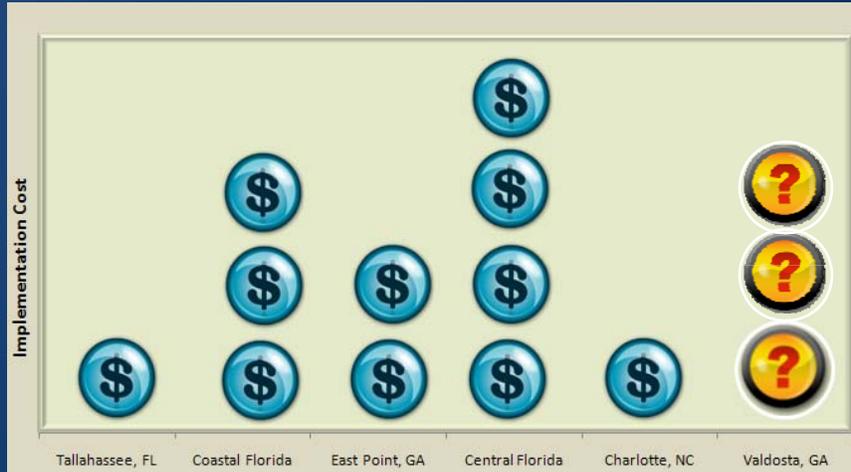
Engineering Department

Utilities Department

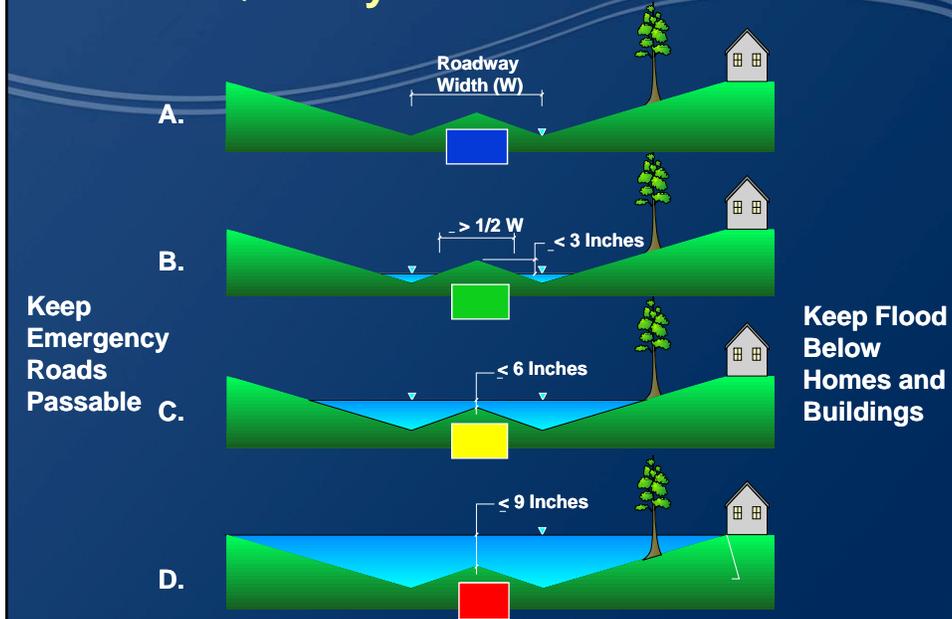
Public Works Department

Planning and Zoning

CDM presented to the SWC examples of stormwater regulations of other communities



Water Quantity Levels of Service



Proposed Quantity Level of Service (LOS)

50
year

Arterial Road Flood
Frequency

50
year

Collector Road Flood Frequency

5
year

Local Road Flood Frequency

100
year + 2
feet

Flood Frequency for New Structures

Future Developments will be required to provide stormwater management as follows:

1.2
inch

Georgia SW Manual Treatment
Volume

3.6
inch

Georgia SW Manual
Channel Protection Volume

7.7
inch

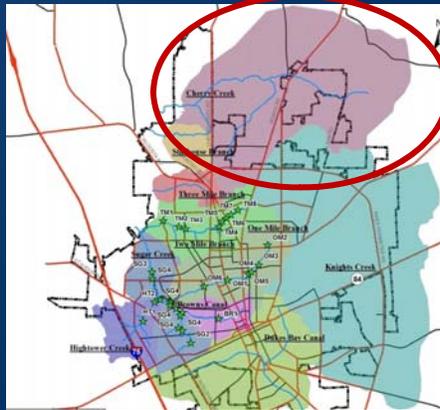
Peak Flow Control

7.7
inch

Volumetric Control

The volumetric control will protect streams from future degradation within the City limits

- ◆ The City could consider the opportunity to discuss with Lowndes County the implementation of similar controls within the County
- ◆ Depending on the County decision, it might be necessary to give a special consideration to the Cherry Creek subbasin, since the majority of the drainage area is located outside the City limits.



Other Communities with Volumetric Control

- ◆ Fulton County GA
- ◆ Franklin TN
- ◆ Milwaukee WI
- ◆ Jacksonville FL
- ◆ Rockledge FL

It is being considered in:

- ◆ Austin TX
- ◆ Houston TX
- ◆ St Louis MO
- ◆ Nashville TN

The objective of the Level of Service is to provide a metric to prioritize upcoming capital improvement projects

- ◆ When the master plan will be complete, the City will have a citywide list of projects with an estimated benefit, and relative ranking
- ◆ The City engineer will have an identified priority list upon which to allocate funds to maximize the benefit to the community

Rank	Project	Sub-Basin	Benefits	Cost	\$/Benefit
1	Ashley St. Culvert Imp.	One Mile Branch	31	\$ 675,000	21,774
2	Hightower Regional Fac.	Hightower Creek	39	\$ 910,000	23,076
3	Lakeland Drive Reg. Fac	Sugar Creek	16	\$ 440,000	25,625
4					

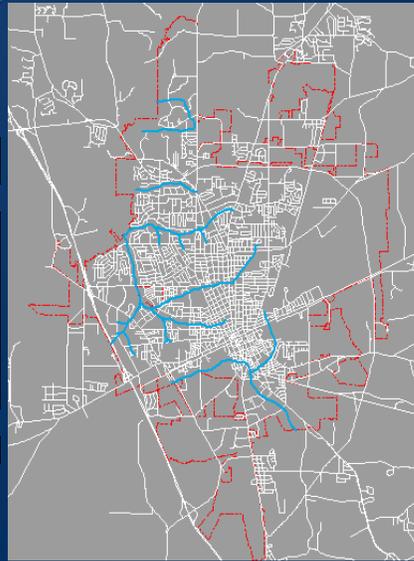
Council should review, discuss, and approve the SWC recommendations

- ◆ SWC recommends metrics to evaluate the stormwater performance within the city limits
- ◆ SWC recommends volumetric control on future urban development to protect our resources



CDM is currently meeting the schedule to complete the master plan phase II during summer

Stream Name	Stream Miles	Completion
One Mile Creek	2.9	Jan 2010
Sugar Creek	2.8	Jan 2010
Browns Canal	1.5	Jan 2010
Hightower Creek	2.1	Feb 2010
Cherry Creek	2.4	June 2010
Three Mile Creek	1.5	June 2010
Two Mile Creek	3.8	Mar 2010
Dukes Bay Canal	5.2	Aug 2010
Total	22.2	Aug 2010



A significant factor in the implementation of the proposed projects is the State and Federal permitting process

- ◆ City met with several state agencies in Savannah on April 13
- ◆ EPD and USACOE visited some of the areas of interest on April 29
- ◆ NRCS approved a construction grant for immediate projects (Creekside and Browns Canal)
- ◆ City submitted an action plan to the Safe Dams Program regarding Freedom Park Dam breach
- ◆ CDM will assist the City to process environmental resource permits for the upcoming projects