

CITY OF VALDOSTA - STORMWATER COMMITTEE

Meeting No. 3 – Typical Elements / Level of Service

January 19, 2010 5:30 PM

City Hall Annex – Multi-Purpose Room

List of Attendees

- Ginny Holton - Community
- Can Denizman – VSU
- Danny Rountree – Contractor
- Danny Parkinson – District 4
- Angela Wall – Southern Georgia Regional Commission (SGRC)
- Elton Cowart – District 6
- Matt Phelps – LEA (For Jeff Lovell – At Large/Engineer)
- Connie Ledbetter – Community
- Dan Deaver – Engineer
- Alan Sanderson – District 5
- Rodney Flucas – District 2
- Von Shipman – City of Valdosta – City Engineer
- Kevin Tolliver – City of Valdosta – Assistant City Engineer
- Henry Hicks – City of Valdosta – Utilities Director
- Emily Davenport – City of Valdosta – Stormwater Superintendent
- Kelly Bell – City of Valdosta – Environmental Technician
- Steve Sedgwick – CDM
- Patrick Victor – CDM
- José Maria Guzman – CDM

Absent

- Elliot Norwood – District 1
- Henry Calhoun – Community
- Danny Sermons - Community
- Sonny Vickers – District 3 Councilman
- Jason Scarpace – City of Valdosta –Assistant Director of Utilities

Summary

The third meeting described the engineering process to determine the level of service. The process includes data collection, field observations, engineering analysis with computer models, and cost estimates. The ultimate objective is to determine the correlation between rainfall and water surface elevation in streams, and channel sections with high velocity. CDM provided examples from other municipalities that can be used as an example for Valdosta such as Tallahassee FL, East Point GA, Charlotte NC, Central Florida, and Coastal Florida.

The following are specific discussions that occurred in conjunction with the presentation:

Rainfall Information: The USGS monitors rainfall and water levels in the Withlacoochee River at two locations nearby Valdosta, (1) SR-84 at Quitman and (2) McMillan Road near Bemiss. CDM is considering such information as a critical part of the stormwater master plan update.

Roadway Level of Service: The City has already classified its roads as Local, Collector, and Arterial based on the daily traffic. CDM presented the criteria used by other agencies such as GA DOT, or nearby municipalities that can be used as guidance.

Structural Level of Service: This category is not clearly defined in most municipalities, although most governments aim at protecting structures for the 100 year storm event, which is in agreement with FEMA federal guidelines.

Water Quality Level of Service: In the case of Valdosta, the City can consider the maximum desired stream velocity, which can be incorporated in future projects to reduce erosion and sedimentation.

Land Development Regulations (LDR) Current Considerations: The City has considered elements from other Georgia areas that address roadway, and structural levels of service. These elements can be considered as the committee discusses the specifics of Valdosta that will become a permanent part of the LDR.

We have a new member of the committee, Mr. Kevin Tolliver PE. Mr. Tolliver is the new Assistant City Engineer and has great experience in stormwater issues in Georgia that will be relevant to the discussion by this group.

Our next meeting will open up the discussion for the specific Level of Service that should be considered for Valdosta and is scheduled for Tuesday February 23, 2010 at 5:30 PM at the same location. If you have any questions, please contact Emily Davenport at 229-259-3592.