



Southern Lee County Flood Protection Plan (SLCFPP)

Agency Meeting: Village of Estero

Date: 11/20/18 Time: 10:30 – 11:30 a.m.

Meeting Location: Village of Estero Offices

Agenda (Summary Minutes)

- I. Introductions
Steve Neff introduced the AIM Team, and Luis Molina introduced the Lee County staff.
- II. Brief Summary Overview of Project Scope
Steve Neff reviewed the tasks included in the current project scope noting there would be two primary goals; identify projects to improve current conditions and develop a build out model to look at allowable discharges for future developments.
- III. AIM's Initial Thoughts on Potential Project Approaches
Steve Neff indicated that a high level the team would be looking at projects to either increase storage or conveyance. Anura Karuna-Muni stressed the importance of enhanced conveyance. Stephanie Long/A.D.A. indicated that this new/updated regional model will incorporate the MIKE SHE model prepared for the Village of Estero.
- IV. Village of Estero Latest Relevant Studies and Documents
David Willems/Village of Estero Public Works Director will send AIM the latest documents/data from the JR Evans Stormwater Plan being prepared for the Village of Estero. This would include background data and gauge data, and the latest ICPR modeling. The Village of Estero currently has a final draft of the report. Due to the size of JR Evans work, AIM will need to provide an external hard drive in order to receive the data. David Willems indicated some concerns over the preliminary report's recommendation for dredging/widening the Estero River.
- V. Completed Projects Since Later Studies
David Willems stated that one project had been completed that upsized a pipe under Broadway west of Trailside Drive that drained into 2020 land south of Broadway.
- VI. Village of Estero Best Available Data (rainfall, surface water levels, groundwater levels)
Data is whatever County and USGS has. In the future they are working on adding the ability to collect data. David Willems mentioned that bacteria is an issue in part of the Estero River.
- VII. Village of Estero Identified Issues/Concerns, and Desired Outcomes
Country Creek Bypass needs cleaned to allow water into it and out of it per David Willems. He noted Country Creek had flooding after last year's storms where the water was using internal

roadways to convey high flows. He also indicated that water was not getting to the south branch of the Estero River, and that most flooding was on the North Branch of the Estero River and north of Corkscrew Road. He indicated that it appeared the northern portion of the Estero River was widened and deepened as a result of high flows after last year's storms.

He noted that there was sediment filling portions of the Estero River at the old railroad bridge between US41 and I-75.

He noted that Stoneybrook did discharge, but noted the downstream water elevations remained below the control elevation during both storms..

He stated that downstream of Halfway Creek flooded post storm.

He also stated that Grandezza had extensive flooding, and that he had video of the northern berm/cart path being overtopped after Irma.

VIII. Discussion of Other Pertinent Items

David Willems indicated that most conservation areas do not have requirements for maintenance of flow ways. He noted that the Village of Estero had met with Homeowner Associations (HOAs) after Hurricane Irma, and the HOAs had been receptive to maintaining their systems.

David Willems noted that he believed a significant issue was the area not being able to recover with the back to back storms last year.

He had concerns as to whether enough water was getting under Corkscrew Road south of the Wild Blue development, and stated that perhaps Edison Farms property needed more water at times.

IX. Summary

Steve Neff informed David Willems of the upcoming progress meeting on 12/3/18.