



Legislation Details (With Text)

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Title: Update on infrastructure post-hurricane.

Sponsors:

Indexes:

Code sections:

Attachments:

Date	Ver.	Action By	Action	Result
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Summary

To: Infrastructure Board

From: Micah Maxwell

Date: 9/27/2016

Subject:

Update on infrastructure post-hurricane.

Summary:

Review of areas throughout town impacted by the Hurricane Hermine.

Previous Commission Action: None.

Background/Problem Discussion:

Sanitary Sewer

The town had sanitary man hole overflows at Overbrook, south pine, and Melenbacher/Bluffview. Pinellas County was forced to relieve capacity from several lift stations, including at the north end of Hallett Park and Inside the RPD, where multiple homes had sewer backups. It appears that both the backups and the overflows were due to groundwater intrusion into the county sanitary sewer pipes and the impacts were felt countywide. County is currently performing smoke tests to find and fix points of intrusion.

Storm Sewer

New Construction since 2010

Bellevue

All roads North of Bellevue Blvd

Eagles nest/South Pine/Melenbacher West

Laurie/Meredith

Oleander

Pinellas/Althea - Saw high water tables at east end, some settling has occurred, but appears to be structurally insignificant

Manatee/Osceola

Roundabout

Under Current Construction

Bayview - Area held up well. Drainage seemed to work well.

Rosary - Saw a lot of washout which has been cleaned up. Crew came out several times to make road passable.

Areas of Note Outside of New Construction

Palmetto - Many roadway washouts, potholes being addressed to get us to project

Bayview from Bridge, East to IRR - During heavy rains, drainage system was overwhelmed, lot of overland flow. Issue is inlet at Palmview/Bayview and pipe going from that intersection to palmetto and eventually to the park. Did drain relatively quickly.

Indian Rocks Road - IRR S of Roundabout drained fairly quickly, but had a lot of puddling during the rains.

Poinsettia between Golfview and Cypress - Standing water in the road. System was being overwhelmed both within the creek, and within the conveyance between the creek and the golf course, and within the golf course itself.

Varona/Osceola - Standing water in the road. System was being overwhelmed both within the creek, and within the conveyance between the creek and the golf course

Ponce near Creek - The creek had a lot of water flow, which impacted transition of water into the creek, and caused some backups.

Ponce between Palmview and the Roundabout - Roadway did see deterioration, which has been packed and will be fixed during the Ponce/Palmview project

Carl Ave - Saw deterioration caused by ground water. Water seeping into roadway even after project.

Expenditure Challenges N/A

Financial Implications: N/A

Recommendation: N/A

Proposed Motion N/A

