

Leadership & Strategic Plan

Department of Engineering Progress Report

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April 25, 2014

Action/Activity Items

1. Roadway Resurfacing & Reconstruction – Determine direction and funding
2. Stormwater Replacement Projects – Prepare report
3. Stormwater Replacement Projects – Determine project priority
4. Docks at Manatee Center Boat Ramp

Action/Activity Items

1. Roadway Resurfacing & Reconstruction – Determine direction and funding

▪ Progress to Date:

- The Engineering Department has developed a city-wide comprehensive evaluation report of street conditions, including pavement, curb and gutter, and sidewalks. Report is updated on an annual basis.

- A report has also been developed to explore the possibility of using the special assessment process for resurfacing/reconstruction of streets.
 - ❖ Sample area was chosen, detailed improvement costs have been determined, and information regarding special assessment procedures and costs were sent to 50 property owners.
 - ❖ This was followed by a public meeting, held within the neighborhood, to determine interest and support from the citizens.

- Different sources of funding are continually being explored
 - ❖ Successes have been:
 - 29th Street (Orange Ave. to Ave. Q) – ARRA funding
 - Sunrise Blvd. (Ohio Ave. to Virginia Ave.) – ARRA funding
 - Oleander Blvd. (Ohio Ave. to Virginia Ave.) – ARRA funding
 - 10th Street (Citrus Ave. to Moore's Creek) – CDBG/SMU funding

Action/Activity Items



Sunrise Blvd. Completed Project



29th Street Paving



10th Street Reconstruction

Action/Activity Items

- **Continuing Efforts**
 - Exploring utilization of an “in-house” paving crew for street resurfacing
 - Researching different construction alternatives such as
 - ❖ Cold In-Place Recycling
 - ❖ Full-Depth Reclamation
 - ❖ Cape Seal
 - ❖ Micro Surfacing

Action/Activity Items

2. Stormwater Replacement Projects – Prepare report

- **Progress to Date:**

- The City's CIP has been updated to include a list of stormwater projects listing priority and estimated cost. The following projects are scheduled for construction this fiscal year:
 - ❖ Park Trail Acres Drainage Improvements
 - ❖ Indian Hills Recreation Area Stormwater Improvements
 - ❖ Beach Court (Easter Ave. to Florida Ave.) Drainage Replacement
 - ❖ Francis Ave. (Fernandina Ave. to Thumbpoint Dr.) Drainage Replacement
- Emergency repair projects have also come about this fiscal year. These include:
 - ❖ 19th Street Canal Bank Stabilization and Headwall Repair
 - ❖ Georgia Outfall Pipe Rehabilitation

Action/Activity Items



Egret Ave. – Swales Re-graded



Back Lot Drainage Swales Re-graded



Driveway Culvert Replacement

Park Trail Acres Drainage Improvements

Action/Activity Items

3. Stormwater Replacement Projects – Determine project priority

- **Progress to Date:**
 - The priority of projects are often rearranged depending on funding sources becoming available.
 - Also, priority is based on projects that provide the greatest benefit to the residents with flood protection being the highest criteria.
 - Following are new projects that will be added to the priority list.
 - ❖ 8th Street and Edwards Road Drainage Study
 - ❖ Georgia Ave. Outfall Structure

Action/Activity Items



8th Street @ Edwards Road Flooding Problems

**New Projects to be
Added to Priority List**

Georgia Outfall Drainage Structure

Action/Activity Items

4. Docks at Manatee Center Boat Ramp

- **Progress to Date:**

- Boat ramps have been closed during the construction of the marina storm protection islands and will continue to be closed until the completion of the marina dock construction.
- Funding will be sought from Florida Inland Navigational District for the replacement of the docks at the boat ramp.

Department Status

- **Engineering Department Status**
 - Staffing has been reduced by 50% since 2006
 - City Surveyor currently in DROP program – 1 year left.
 - Engineering Department is in need of a stormwater engineer. Duties would include:
 - Grant applications
 - In-house design of stormwater replacement projects
 - Management of stormwater projects
 - Reviewing and collection of past due stormwater user fees.