



Town of Belleair

901 Ponce de Leon Blvd.
Belleair, FL 33756

Meeting Agenda Infrastructure Board

Monday, August 15, 2016

5:00 PM

Town Hall

Welcome. We are glad to have you join us. If you wish to speak, please wait to be recognized, then step to the podium and state your name and address. We also ask that you please turn-off all cell phones.

ROLL CALL

CITIZENS COMMENTS

(Discussion of items not on the agenda. Each speaker will be allowed 3 minutes to speak.)

APPROVAL OF MINUTES

[16-0179](#) Approval of June 13, 2016 Meeting Minutes

Attachments: [Infra 06-13-2016](#)

GENERAL AGENDA

[16-0183](#) Capital Improvement Plan FY 2016-17 thru 2020-21

Attachments: [2016 Town of Belleair Basin Map 4.5.16](#)

[cip](#)

[list](#)

[priority map](#)

OTHER BUSINESS

COMMISSION ADVISOR REPORT

ADJOURNMENT

ANY PERSON WITH A DISABILITY REQUIRING REASONABLE ACCOMMODATIONS IN ORDER TO PARTICIPATE IN THIS MEETING, SHOULD CALL (727) 588-3769 OR FAX A WRITTEN REQUEST TO (727) 588-3767.



Legislation Details (With Text)

File #: 16-0179 **Version:** 1 **Name:**
Type: Minutes **Status:** Minutes Approval
File created: 8/8/2016 **In control:** Infrastructure Board
On agenda: 8/15/2016 **Final action:**
Title: Approval of June 13, 2016 Meeting Minutes
Sponsors:
Indexes:
Code sections:
Attachments: [Infra 06-13-2016](#)

Date	Ver.	Action By	Action	Result
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Meeting Minutes Infrastructure Board

Monday, June 13, 2016

5:00 PM

Town Hall

Welcome. We are glad to have you join us. If you wish to speak, please wait to be recognized, then step to the podium and state your name and address. We also ask that you please turn-off all cell phones.

Meeting called to order at 5:00 pm with Chairman Doug Pace presiding.

ROLL CALL

New members provided a brief summary of their background.

Present 6 - Chairman Doug Pace, Vice Chairman Chris Foley, Dan Hartshorne, John Hall, Ron Campbell, and Shon Flaharty

Absent 1 - James White

CITIZENS COMMENTS

No comments to be heard.

APPROVAL OF MINUTES

[15-0179](#) Approval of Minutes - August 3, 2015

Vice Chairman Foley moved approval of the minutes; seconded by Mr. Hail.

Aye: 6 - Chairman Pace, Vice Chairman Foley, Hartshorne, Hail, Campbell, and Flaharty

Absent: 1 - White

GENERAL AGENDA

[16-0134](#) Election of Officers

Selection of Chairman

A motion was made by Mr. Foley to nominate Doug Pace as Chairman; seconded by Mr. Hartshorne. The motion carried by the following vote:

Aye: 6 - Chairman Pace, Vice Chairman Foley, Hartshorne, Hail, Campbell, and Flaharty

Absent: 1 - White

Selection of Vice Chairman

A motion was made by Mr. Foley to nominate Dan Hartshorne as Vice Chairman;

seconded by Mr. Hail. The motion carried by the following vote:

Aye: 6 - Chairman Pace, Vice Chairman Foley, Hartshorne, Hail, Campbell, and Flaharty

Absent: 1 - White

16-0133

Capital Projects Construction Details

Keith Bodeker, Construction Project Supervisor, lead a discussion on developing a set of engineering standards for future infrastructure projects.

Mr. Bodeker would like to standardize road width, where right-of-way permits, to allow better access on streets. No drawings have been completed, only research has been performed.

Mr. Hail inquired about the Rosery Road Project. Upsizing water main to a 36 inch pipe. Estimated completion is January 2017.

Micah Maxwell, Town Manager, explained the other reason for standardization is to plan construction costs for future projects.

Vice Chairman Hartshorne would like to see sensitivity in widening future streets throughout town.

Mr. Maxwell explained that there have been instances in the past when working with multiple engineers on a project, different outcomes have been created.

Board members are in agreement that the standards must be used as a guideline and not mandatory engineering specifications.

OTHER BUSINESS

Mr. Foley inquired about how the town faired with Tropical Storm Colin. Mr. Maxwell provided a brief account.

Chairman Pace, asked the board how they felt about the two recent joint Finance-Infrastructure Board meetings.

Vice Chairman Hartshorne suggested the town have one joint Finance-Infrastructure Board meeting annually.

Chairman Pace inquired about an update on the golf course.

COMMISSION ADVISOR REPORT

Commissioner Tom Kurey asked the board to consider meeting at least 6 times annually.

ADJOURNMENT

Meeting adjourned in due form at 6:22 PM

ADJOURNMENT

Aye: 6 - Chairman Pace, Vice Chairman Foley, Hartshorne, Hail, Campbell, and Flaharty

APPROVED:

Chairman



Legislation Details (With Text)

File #: 16-0183 **Version:** 1 **Name:**
Type: Action Item **Status:** General Agenda
File created: 8/9/2016 **In control:** Infrastructure Board
On agenda: 8/15/2016 **Final action:**
Title: Capital Improvement Plan FY 2016-17 thru 2020-21
Sponsors:
Indexes:
Code sections:
Attachments: [2016 Town of Belleair Basin Map 4.5.16](#)
[cip](#)
[list](#)
[priority map](#)

Date	Ver.	Action By	Action	Result
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Summary

To: Infrastructure Board
From: Micah Badana
Date: 8/9/2016

Subject:
Capital Improvement Plan FY 2016-17 thru 2020-21

Summary:

Staff has compiled the Capital Improvement Plan for the next five years for your review. A few materials used to develop the plan for the next five years are the new drainage basin map, the pavement segment priority analysis, and the current cooperatively funded projects. We have also projected out five additional years to give a rough estimate about what the future holds for capital projects.

Previous Commission Action: None.

Background/Problem Discussion: Using the Pavement Segment Priority Analysis created in October 2015, staff determined the areas of highest priority to be completed. Staff then contracted Deuel & Associates to create an updated drainage basin map for the Town. The drainage basin map analyzes the elevations throughout a geographic area and compiles areas where water sources converge upon one another. This information allows staff to identify the convergence points with current storm collection systems and better define the area that should be include in each project, allowing for a more accurate scope of work for each project.

The use of these two tools have assisted staff in creating a new five-year CIP plan. Staff has also include the following five years, though it should be known that forecasting for years six through ten is much less accurate. Additionally, staff has included in the 5 year CIP a small roadway improvements line that climbs with the completion of a project in the previous year. This is meant to appropriately put away for ongoing maintenance of all of our new streets. The amount, if not used in the current year, would then roll into a long term

maintenance fund to ensure it is accounted for. Staff is using a starting amount of \$100,000 and adding to that amount at the rate of 1% of the project cost of a project completed in the previous year.

Our CIP has us completing all red level projects by 21/22 and completing all of Indian Rocks Road by 25/26.

2016/2017

Rosery

This project is nearing the halfway point and should be done near the start of 2017.

Pinellas/Ponce

Pinellas Road Project will include Pinellas Road from Park to Osceola, Palmview from Pinellas to Ponce, and Ponce from the roundabout to Oleander and will include a Baffle Box in Palmetto Park. This project is funded partially by SWFMUD.

Palmetto 1

The next project identified is Palmetto Road. Staff has split the road into two separate project segments, from Ocala Road Intersection to Manatee Road and from Ocala Road to Bayview Drive. Additional drainage maybe needed on the latter project, hence the need to split Palmetto Rd into two projects. Palmetto 2 is scheduled for 18/19 mostly due to the opportunity for cooperative funding.

Orlando

The pipe connection between the Althea Road Project and the Bayview Project is needs requires an upgrade to ensure proper drainage. The current scope includes some of the side roads receiving upgrade, but that may change as engineering begins.

2017/2018

Ponce east of the Mall

In the current year we needed to do emergency repairs to the intersection of Shirley and Ponce. During the construction it was identified that the connection between that intersection and the trail needs an upgrade. Extending to the Mall also allows us to deal with some waterline issues.

2018/2019

Osceola from Indian Rocks to Ponce

Project will entail installing pipe, which currently is non-existent on this area of Osecola, from IRR to the Varona intersection. These has been some discussion of road closure for Varona, which we expect to begin again in the future.

Palmetto 2

Palmetto 2 will include palmetto from Ocala to Bayview, and then got up Bayview to Palmview.

2019/2020

Carl

The Carl include installation of new pipe where none existed previously, as well as upgrading and existing pipe and structures from The Mall to Barbara Circle.

The Mall

This projects encompasses both sections of The Mall.

Expenditure Challenges

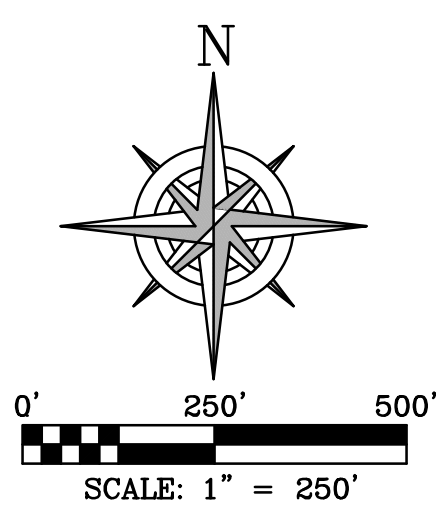
To plan for the projects in Fiscal Years 2019 to 2022 staff had to develop a methodology to estimate the expenditures associated with the proposed projects. Using the construction costs of the previously completed projects, staff took the total construction cost and divided the amount by the total linear feet of the project area. Using the per linear foot cost per project, staff calculated the average of the Althea, Rosery, South Pine, and Manatee Projects and determined an average per linear foot cost equal to \$494.

To calculate engineering costs associated with the proposed projects, staff compared the percentage of total engineering services to the total project costs. Staff found that on average the engineering services were approximately 10% of the total construction costs. Using this information staff multiplied the proposed FY 2021 and 2022 project costs by 10% and added the amount each project.

Financial Implications: Refer to the CIP Budget 2016-17 for the changes in fund balance over the five-year period.

Recommendation: None.

Proposed Motion None.



- LEGEND**
- BASIN LINE
 - SUB-BASIN LINE
 - STORM WATER PIPE
 - STORM WATER INLET
 - ALLEN'S CREEK
 - DISCHARGE POINT
 - BELLEAIR BOUNDARY
 - CONTOUR LINES (AND LABELS)
 - PARCEL/RIGHT OF WAY LINES



Revenues	Budget 15/16	Budget 16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26
Infrastructure Mill	\$ 593,300	\$ 622,950	\$ 635,409	\$ 648,117	\$ 661,080	\$ 674,301	\$ 687,787	\$ 701,543	\$ 715,574	\$ 729,885	\$ 744,483
Penny	\$ 433,600	\$ 455,000	\$ 464,100	\$ 473,382	\$ 482,850	\$ 492,507	\$ 502,357	\$ 512,404	\$ 522,652	\$ 533,105	\$ 543,767
Electric Utility Tax	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
Grant SWFWMD	\$ 523,200	\$ 1,609,800	\$ 550,000	\$ 281,250	\$ 281,250						
Stormwater	\$ 337,400	\$ 337,400	\$ 337,400	\$ 337,400	\$ 337,400	\$ 337,400	\$ 337,400	\$ 337,400	\$ 337,400	\$ 337,400	\$ 337,400
Reserves Prior Years	\$ 61,929	\$ 2,556,643	\$ 206,291	\$ 383,401	\$ 334,471	\$ -	\$ 237,656		\$ 105,174	\$ 505,910	\$ -
Transfer From 110	\$ 60,300	\$ 60,300	\$ 60,300	\$ 60,300	\$ 60,300	\$ 60,300	\$ 60,300	\$ 60,300	\$ 60,300	\$ 60,300	\$ 60,300
Transfer From 115	\$ 97,000	\$ 97,000	\$ 97,000	\$ 97,000	\$ 97,000	\$ 97,000	\$ 97,000	\$ 97,000	\$ 97,000	\$ 97,000	\$ 97,000
Miscellaneous	\$ -	\$ 87,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 87,500	\$ -	\$ -	\$ -
Totals	\$ 2,506,729	\$ 6,226,593	\$ 2,750,500	\$ 2,680,850	\$ 2,654,350	\$ 1,961,508	\$ 2,222,500	\$ 2,096,147	\$ 2,138,100	\$ 2,563,600	\$ 2,082,950
Expenditures	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26
Palmetto	0	\$ 660,000		\$ 562,500	\$ 562,500						
Park Improvements	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
Street Signs	\$ 12,000										
Pinellas	\$ -	\$ 1,650,000	\$ 1,100,000								
Street Light Replacement	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 28,000
Indian Rocks Road											
Rosery Rd	\$ 1,479,729	\$ 2,219,593									
Osceola				\$ 460,350	\$ 460,350						
Small Roadway	\$ 75,000	\$ 130,000	\$ 178,000	\$ 205,500	\$ 216,500	\$ 242,500	\$ 247,500	\$ 247,500	\$ 268,100	\$ 273,600	\$ 283,600
Harold's Lake		\$ 175,000						\$ 175,000			
IRR North of Roundabout										\$ 500,000	\$ 500,000
IRR Poinsettia to Roundabout										\$ 500,000	\$ 500,000
IRR South of Poinsettia									\$ 550,000	\$ 500,000	
Orlando		\$ 467,000									
Magnolia								530000	530000		
Ponce East of Rounabout			\$ 562,500.00	\$ 562,500.00							
Carl					\$ 550,000						
The Mall						\$ 500,000					
Poinsettia E							\$ 660,000				
Varona							\$ 500,000				
Transfer to Reserves			\$ -			\$ 379,008		\$ 353,647			\$ 31,350
Transfer to 401											
BB&T Debt Service	\$ 715,000	\$ 715,000	\$ 715,000	\$ 715,000	\$ 715,000	\$ 715,000	\$ 715,000	\$ 715,000	\$ 715,000	\$ 715,000	\$ 715,000
GF Debt Service	\$ 150,000	\$ 135,000	\$ 120,000	\$ 100,000	\$ 75,000	\$ 50,000	\$ 25,000				
Totals	\$ 2,506,729	\$ 6,226,593	\$ 2,750,500	\$ 2,680,850	\$ 2,654,350	\$ 1,961,508	\$ 2,222,500	\$ 2,096,147	\$ 2,138,100	\$ 2,563,600	\$ 2,082,950
	\$ 0	\$ (0)	\$ -	\$ 0	\$ 0	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ 0	\$ 0
Fund Balance	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26
Exp	\$ 2,506,729	\$ 6,226,593	\$ 2,750,500	\$ 2,680,850	\$ 2,654,350	\$ 1,582,500	\$ 2,222,500	\$ 1,742,500	\$ 2,138,100	\$ 2,563,600	\$ 2,051,600
Rev	\$ 2,444,800	\$ 3,669,950	\$ 2,544,209	\$ 2,297,449	\$ 2,319,879	\$ 1,961,508	\$ 1,984,844	\$ 2,096,147	\$ 2,032,926	\$ 2,057,690	\$ 2,082,950
Change in FB	\$ (61,929)	\$ (2,556,643)	\$ (206,291)	\$ (383,401)	\$ (334,471)	\$ 379,008	\$ (237,656)	\$ 353,647	\$ (105,174)	\$ (505,910)	\$ 31,350
Fund Balance	\$ 3,989,462	\$ 1,432,819	\$ 1,226,528	\$ 843,127	\$ 508,657	\$ 887,664	\$ 650,008	\$ 1,003,655	\$ 898,481	\$ 392,571	\$ 423,921

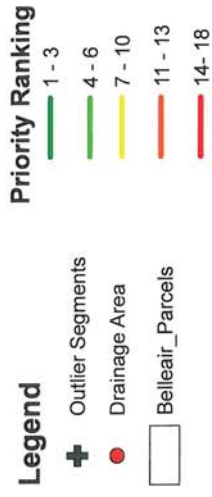
Carl
Orlando
Palmetto
Osceola from IRR to Varona, Varona to Ponce
Ponce E of Varona
Ponce E of Roundabout to Varona
Osceola From IRR to Poinsettia
The Mall

Varona from Carl to Ponce

IRR S
IRR N
Wildwood
Woodlawn
Magnolia
Belforest
Cypress
IRR C
Orange
Sunny
North Pine
Golfview from Althea to Osceola
Eastleigh
Rosery Lane
Osceola from Poinsettia to Manatee



PAVEMENT SEGEMENT PRIORITY MAP



Date: 8/12/2016