



Town of Belleair

901 Ponce de Leon Blvd.
Belleair, FL 33756

Meeting Agenda Infrastructure Board

Monday, January 7, 2019

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

[18-0273](#) Approval of August 20, 2018 Meeting Minutes

Attachments: [Infra 08-20-2018](#)

GENERAL AGENDA

[18-0353](#) Discussion of Reclamite Asphalt Rejuvenating Agent application by Pavement Technology Inc.

Attachments: [2019 Belleair Final Proposal 010319](#)
[City of Punta Gorda reclamite contract renewal 010319](#)

[18-0355](#) Town 5 yr CIP general overview

Attachments: [Project Map](#)
[CIP 071918 Working for Infrastructure Board](#)

[18-0357](#) Town Street lighting update and overview

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 #: 18-0273 **Version:** 1 **Name:**

Type: Minutes **Status:** Minutes Approval

File created: 9/24/2018 **In control:** Infrastructure Board

On agenda: 1/7/2019 **Final action:**

Title: Approval of August 20, 2018 Meeting Minutes

Sponsors:

Indexes:

Code sections:

Attachments: [Infra 08-20-2018](#)

Date	Ver.	Action By	Action	Result
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Town of Belleair

901 Ponce de Leon Blvd.
Belleair, FL 33756

Meeting Minutes Infrastructure Board

Monday, August 20, 2018

6:00 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 6:04 PM with Chairman Pace presiding.

ROLL CALL

Others in attendance: Commissioner Kurey-Commission Advisor, Gayle Grady-Board Consultant, Deputy Mayor Rettstatt, Commissioner Wilkinson

Present 6 - Chairman Doug Pace, Chris Foley, John Hail, James White, Shon Flaharty, and Joe Oder

Absent 1 - Ron Campbell

CITIZENS COMMENTS

None to be heard

APPROVAL OF MINUTES

[17-0231](#) Approval of October 2, 2017 Meeting Minutes

Mr. Flaharty moved approval of the minutes; seconded by Mr. Foley.

Aye: 6 - Chairman Pace, Foley, Hail, White, Flaharty, and Oder

GENERAL AGENDA

[18-0240](#) Election of Officers

Mr. White moved to nominate Mr. Pace as chairman; seconded by Mr. Foley.

Aye: 6 - Chairman Pace, Foley, Hail, White, Flaharty, and Oder

Mr. White moved to nominate Mr. Foley as Vice Chair; seconded by Mr. Oder.

Aye: 6 - Chairman Pace, Foley, Hail, White, Flaharty, and Oder

[18-0241](#) Discussion of 18/19 Capital Budget and CIP

Commissioner Kurey introduced Gayle Grady as Board Consultant, provided background.

Gayle Grady-works for American Consulting, discussed experience in construction field.

JP Murphy-Town Manager-Stated staff previously evaluated drainage conditions of roadway segments along with areas of significant safety and lighting concerns; this was previously identified as Plan 2; inflation and construction costs required plan revision; commission tentatively approved 6.5 mil tax rate; discussed revenue streams and debt service.

Discussion regarding difficulty estimating too far out; methodologies for segmenting larger projects; availability of SWFWMD funding; potential Local Agency Program (LAP) funding available.

Mr. Murphy continued discussing specific roadway projects to be completed in the upcoming year; cost for bluff is estimate, study needed; areas of flooding, ponding, and poor drainage.

Keith Bodeker-Construction Project Supervisor-Discussed drainage and collection along roadways.

Mr. Murphy continued project discussion; potential for one-way traffic and parking around Magnolia/Wall Park area; seawall replacement in years 6 and beyond, and minor roadway improvements; Belleair Creek Phase I and II projects in past and potential for joint project with Pinellas County and Largo; Mr. Bodeker commented on sanitary sewers in area; Deputy Mayor Rettstatt commented on the county lift station and problems with raw sewage in area.

Mr. Murphy hopes to work with Country Club architects regarding sump pump, using water for irrigation, decreasing sediment into Harold's lake.

Discussion regarding rebids of Pinellas/Ponce and Palmetto projects, anticipated start dates; projects had to be segmented due to costs; discussion of funding sources.

Mr. Murphy briefly discussed Ahlf properties; finalized CIP presentation; addressed questions from the board; roadway projects and drainage; speed limits; traffic on Indian Rocks Road; water system and well issues.

Mr. Murphy stated he was looking for recommendation for commission to approve 2018-2019 capital budget and the tentative 5 year CIP plan.

Mr. Foley moved to approval the recommendation; seconded by Mr. Oder.

Aye: 6 - Chairman Pace, Foley, Hail, White, Flaharty, and Oder

OTHER BUSINESS

No other business.

COMMISSION ADVISOR REPORT

Commissioner Kurey-Thanked staff for preparation of CIP; importance of keeping projects going; golf course progressing; provided updates on discussion from previous commission meetings regarding cost of recreation center; change to program based budgeting; strategic planning process.

Mr. Murphy provided details on conversion from line item to program based budgeting; interactive maps.

Deputy Mayor Rettstatt commented on amendment 2 referendum item; stated the county website will show if you qualify; real estate cap that is up to be removed will impact commercial and rental properties. (amendment 1).

ADJOURNMENT

No further business; meeting adjourned in due form at 7:31 PM.

Mr. Oder moved to adjourn the meeting; seconded by Mr. Foley.

Aye: 6 - Chairman Pace, Foley, Hail, White , Flaharty, and Oder

APPROVED:

Chairman



Legislation Details (With Text)

File #: 18-0353 **Version:** 1 **Name:**
Type: Discussion Items **Status:** General Agenda
File created: 1/4/2019 **In control:** Infrastructure Board
On agenda: 1/7/2019 **Final action:**
Title: Discussion of Reclamite Asphalt Rejuvenating Agent application by Pavement Technology Inc.
Sponsors:
Indexes:
Code sections:
Attachments: [2019 Belleair Final Proposal 010319](#)
[City of Punta Gorda reclamite contract renewal 010319](#)

Date	Ver.	Action By	Action	Result
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Summary

To: Infrastructure Board
From: Keith A. Bodeker
Date: 1/3/2019

Subject:

Discussion of Reclamite Asphalt Rejuvenating Agent application by Pavement Technology Inc.

Summary:

Staff is seeking Commission approval to apply Reclamite Asphalt Rejuvenating Agent within the roadways noted in this submittal. The areas noted are from the previously completed capital improvement projects of Eagles Nest Dr and Druid/Corbett St.

Previous Commission Action: N/A

Background/Problem Discussion: The Eagles Nest Dr and Druid/Corbett St projects were completed five years ago. In an effort to help extend the life and longevity of the asphalt roadways within those project limits, town staff is recommending application of this Reclamite Asphalt Rejuvenating Agent. This Reclamite application will help restore necessary emulsions and bonding agents to the top surface of the asphalt, and extend the working life by approximately 4-5 years per application of Reclamite. This process can be done two or three times, depending on actual wear and use patterns of the asphalt.

The Town will be piggy backing on the City of Punta Gorda annual contract in order to obtain the unit pricing as submitted.

Expenditure Challenges N/A

Financial Implications: The total cost of the Reclamite Asphalt Rejuvenating Agent application by Pavement Technology Inc. will be \$38,204.46.

Recommendation: Staff recommends the Commission move approval of the application of Reclamite Asphalt Rejuvenating Agent by Pavement Technology Inc for \$38, 204.46 to help extend the life and functionality of the roadway surfaces within the Eagles Nest Dr and Druid/Corbett St project limits.

Proposed Motion N/A

Pavement Technology, Inc.

24144 Detroit Rd.
Westlake, Ohio 44145

Phone: 800-333-6309 440-892-1895
Fax: 440-892-0953

January 3, 2019

Mr. Keith Bodeker
Construction Project Supervisor
Town of Belleair
901 Ponce de Leon Blvd.
Belleair, FL 33756

Dear Mr. Bodeker:

We are pleased to offer our proposal to apply Reclamite[®] asphalt rejuvenator to the street listed below.

Street	From	To	Square Yards	Amount
Bellevue Blvd	Fort Harrison Ave	Druid Rd	5,056	\$4,095.36
Druid Rd	Bellevue Blvd	Druid Pl	6,360	\$5,151.60
Watkins Rd	Druid Rd	Curve in road	889	\$720.09
Supplee Pl	Corbett St	Watkins Rd	535	\$433.35
Corbett St	Druid Rd	Fort Harrison Ave	3,316	\$2,685.96
Coe Rd	Druid Rd	End of street	3,068	\$2,485.08
Flamingo Dr	Druid Rd	Coe Rd	2,176	\$1,762.56
Mehlenbacher Rd	Indian Rocks Rd	Bluff View Dr	5,504	\$4,458.24
S Pine Cir	Bluff View Dr	Eagles Nest Dr	2,178	\$1,764.18
Eagles Nest Dr	Mehlenbacher Rd	Rosary Rd	3,127	\$2,532.87
Garden Cir	Pine Cir	Eagles Nest Dr	4,104	\$3,324.24
Garden Ct			489	\$396.09
Foster Ln	End	End	2,600	\$2,106.00
Mehlrose Ave	Foster Ln	Mehlenbacher Rd	880	\$712.80
Opal Ln	Foster Ln	Mehlenbacher Rd	880	\$712.80
Meredeth Ln	Mehlenbacher Rd	Rosary Rd	3,153	\$2,553.93
Laurie Ln	Meredith Ln	Rosary Rd	2,851	\$2,309.31

Total

47,166 \$38,204.46

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Our unit price of \$0.81 per square yard is inclusive of traffic control, notification of residents and all labor and material necessary to complete the work.

Actual field measurements will determine final quantities.

Thank you for your continued interest in pavement preservation with Reclamite®.

Sincerely,

Chas Jordan

Charles "Chas" Jordan
cjordan@pavetechinc.com



CITY OF PUNTA GORDA, FLORIDA

REQUEST FOR CONTRACT RENEWAL

AGREEMENT: #F2014111/SVC-ASPHREJ/1415

DESCRIPTION: Rejuvenation of Asphaltic Concrete Surface Course Roadways

INITIAL CONTRACT PERIOD: 5/21/2015 through 5/20/2018 (Three (3) years)

RENEWAL CONTRACT PERIOD: 5/21/2018 through 5/20/2021 (Three (3) years)

VENDOR: Pavement Technology, Inc - **ATTENTION: Karen McIntyre**
24144 Detroit Road
Westlake, OH 44145

Renewal of the Agreement is contingent upon acceptance to renew by the department, Procurement Manager, and/or City Manager.

VENDOR APPROVAL:

Being an authorized representative of the firm, I do hereby authorize the renewal of the referenced Agreement with a reduction of ZERO % in prices, and at the same terms and conditions for the renewal period stated above.

Authorized Signature

Vice President

12/5/2017

Title

Date

John J. Schlegel

Printed Name

PLEASE RETURN COMPLETED BY: 12/20/2017

CITY OF PUNTA GORDA
326 W. Marion Avenue
PUNTA GORDA, FL 33950

Attn: Deb Adams
Email: dadams@pgorda.us
Phone: (941) 575-3351 Fax: (941) 575-3340

Average Annual Expenditure: \$22,029.00

RENEWAL APPROVED PER THE RENEWAL PERIOD/TERMS STATED:

Procurement Manager

Date: 12/6/17

City Manager

Date: 12/6/2017

Comments:

**CONTRACT – Rejuvenation of Asphaltic Concrete Surface Course Roadways
AGREEMENT #F2014111/SVC-ASPHREJ/1415**

INITIAL PERIOD ☐ **RENEWAL PERIOD** ☒ **EXTENSION** ☐

CONTRACT PERIOD: May 21, 2015 THRU May 20, 2021

PRICES EFFECTIVE THROUGH: May 20, 2019

NOTE: Prices may remain fixed for an extended period if price adjustment not requested by Vendor

Deb Adams, CONTRACT ADMINISTRATOR – dadams@pgorda.us, fax 941-575-3340, or 326 W. Marion Avenue, Punta Gorda, FL 33950 SHALL be copied on all correspondence relating to this contract.

AWARDED VENDOR: Pavement Technology, Inc

PRIMARY ORDERING CONTACT INFORMATION: John J Schlegel

EMAIL: JSchlegel@pavetechinc.com

TELEPHONE: 440/892-1895

FAX: 440/892-0953

CELL: 216/780-4316

MAILING ADDRESS: 24144 Detroit Rd, Westlake, OH 44145

ALTERNATE ORDERING CONTACT INFORMATION: Dave Clark

EMAIL: DClark@pavetechinc.com

TELEPHONE: 440/892-1895

FAX: 440/892-0953

CELL: 727/641-0913

PRIMARY CONTRACT CONTACT INFORMATION: Karen McIntyre

EMAIL: KMcIntyre@pavetechinc.com

TELEPHONE: same

FAX: same

CELL: N/A

MAILING ADDRESS: same

ALTERNATE CONTRACT CONTACT INFORMATION: Hannie Mills

EMAIL: HMills@pavetechinc.com

TELEPHONE: same

FAX: same

CELL: n/a

PAYMENT TERMS: Net 30

ACCEPT CREDIT CARDS: ☐ Yes ☒ No

MAXIMUM PERCENTAGE INCREASE: 2ND & 3RD YEARS – 5%

RESPONSE TIME:

Normal – Within 2 days of City's acceptance of the SOW (Statement of Work)

PURCHASING REQUIREMENTS

- 1) Departments shall enter a requisition with estimated dollars for issuance of a Blanket PO. CIP requisitions will need a separate Blanket PO.
- 2) Supervisors shall verify contract rates on all invoices prior to authorizing payment of invoices.

Item	Description	UOM	Unit Price
1	Sealing w/Asphaltic Rejuvenation Agent, furnished and installed per Specifications	Square Yard	\$0.81
2	Minimum Square Yards of Asphaltic Rejuvenation Agent Required to Mobilize	Square Yard	25,000



Legislation Details (With Text)

File #: 18-0355 **Version:** 1 **Name:**
Type: Discussion Items **Status:** General Agenda
File created: 1/4/2019 **In control:** Infrastructure Board
On agenda: 1/7/2019 **Final action:**
Title: Town 5 yr CIP general overview
Sponsors:
Indexes:
Code sections:
Attachments: [Project Map](#)
[CIP 071918 Working for Infrastructure Board](#)

Date	Ver.	Action By	Action	Result
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Summary

To: Infrastructure Board
From: Keith A. Bodeker
Date: 1/4/2019

Subject:

CIP Project Progress and 2019 overview.

Summary:

Town staff has highlighted a map of Town to show the limits of the upcoming CIP projects as noted in the 2018/2019 Fiscal Budget. The projects highlighted are all within the 5 year scope of the budget. In addition to this project overview, two CIP projects are going to be advertised for bid on Wednesday January 9th. The first project is the Pinellas/Ponce Phase 2, which has SWFWMD cooperative funding involved. The second project is Palmetto Rd (Manatee to Ocala). Following receipt of bids, the Osceola portion of the Pinellas project (Phase 3 on the CIP) will either be piggybacked or bid according to unit prices provided in the received bids to maximize efficiency and hopefully mitigate mobilization costs, resulting in savings to the project. Staff will provide an overview and update at the meeting.

Previous Commission Action: N/A

Background/Problem Discussion: N/A

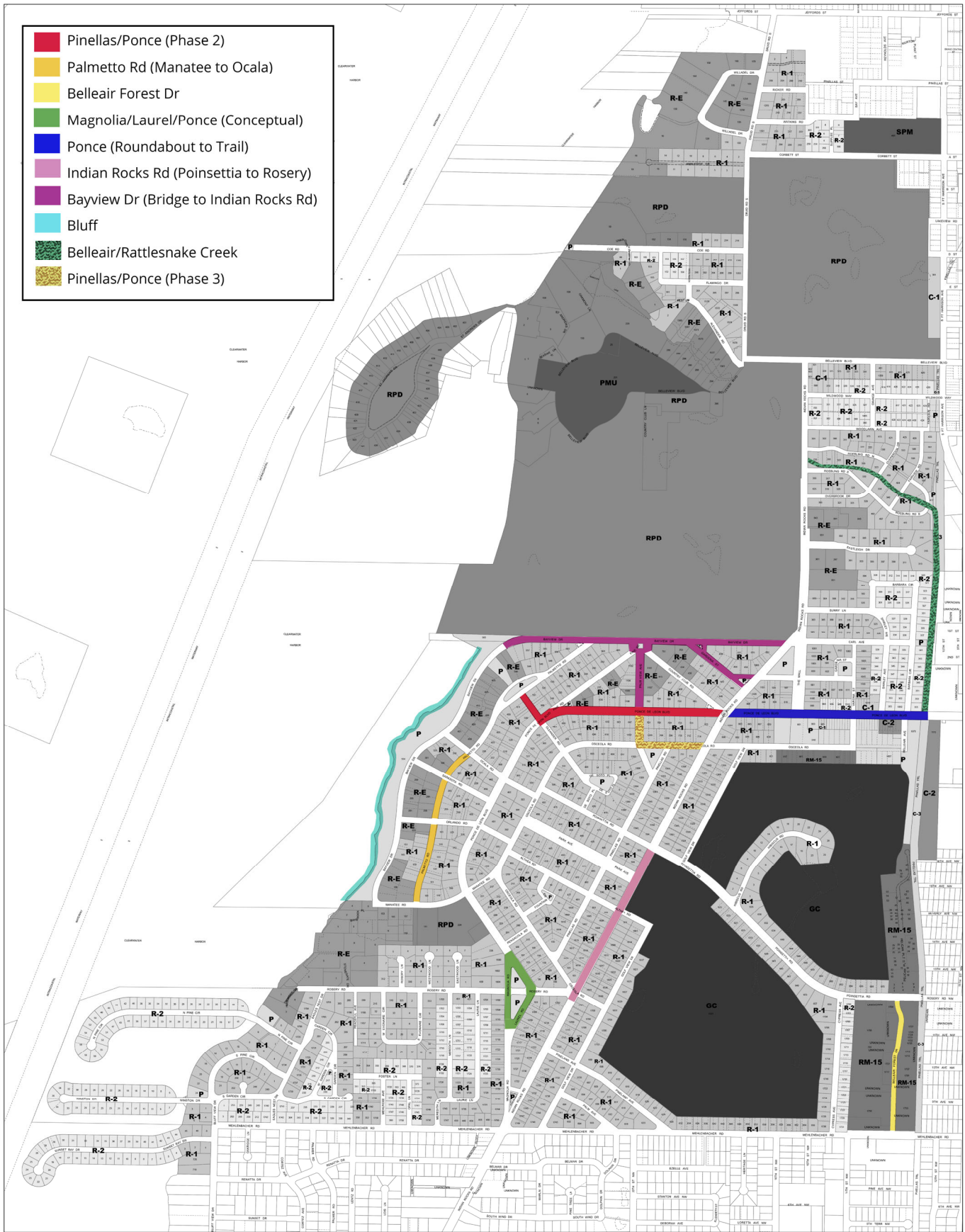
Expenditure Challenges N/A

Financial Implications: N/A

Recommendation: N/A

Proposed Motion N/A

- Pinellas/Ponce (Phase 2)
- Palmetto Rd (Manatee to Ocala)
- Belleair Forest Dr
- Magnolia/Laurel/Ponce (Conceptual)
- Ponce (Roundabout to Trail)
- Indian Rocks Rd (Poinsettia to Rosery)
- Bayview Dr (Bridge to Indian Rocks Rd)
- Bluff
- Belleair/Rattlesnake Creek
- Pinellas/Ponce (Phase 3)



TOWN OF BELLEAIR

OFFICIAL ZONING MAP

0 200 400 800 1,200
Feet

Date: 8/20/2015



PREPARED BY



Legend

Zoning Districts

 ESTATE RESIDENTIAL (RE)	 PRIVATE MIXED USE (PMU)
 SINGLE FAMILY RESIDENTIAL (R-1)	 PROFESSIONAL SERVICES DISTRICT (C-1)
 SINGLE FAMILY RESIDENTIAL (R-2)	 PROFESSIONAL PRODUCTS DISTRICT (C-2)
 MULTI-FAMILY RESIDENTIAL (RM-10)	 COMMERCIAL PRODUCTS DISTRICT (C-3)
 MULTI-FAMILY RESIDENTIAL (RM-15)	 GOLF COURSE (GC)
 RESIDENTIAL PLANNED DEVELOPMENT (RPD)	 PUBLIC DISTRICT (P)
	 SEMI-PUBLIC MEDICAL (SPM)

	<u>18/19</u>	<u>19/20</u>	<u>20/21</u>	<u>21/22</u>	<u>22/23</u>
Revenues					
Infrastructure Mill 1.25	\$908,900	\$999,850	\$1,041,950	\$1,138,200	\$1,186,100
Penny	\$494,800	\$504,700	\$514,800	\$525,100	\$535,600
Electric Utility Tax	\$430,000	\$430,000	\$430,000	\$430,000	\$430,000
Grant SWFWMD					\$0
<i>Pinellas</i>	\$1,375,000				
<i>Bayview</i>		\$50,000.00	\$139,320	\$580,500	\$580,500
<i>Belleair Creek</i>					
<i>Bluff</i>					
LAP (Federal) Funding (Targets)					
Other Governments				\$500,000	\$3,000,000
Stormwater Management Grant					
Intergov.Services Rendered					
Stormwater Fee	\$337,400	\$337,400	\$337,400	\$337,400	\$337,400
Interest					
Donations	\$50,000				
Reserves Prior Years	\$3,735,600				
PY PO Rev					
AHLF Property Sale			\$3,000,000		
Loan Proceeds	\$0	\$4,000,000			\$0
AMOUNT TO BALANCE					
Totals	\$7,331,700	\$6,321,950	\$5,463,470	\$3,511,200	\$6,069,600
Expenditures	<u>18/19</u>	<u>19/20</u>	<u>20/21</u>	<u>21/22</u>	<u>22/23</u>
Park Improvements	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Street Light Replacement	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Capital Parks		\$0	\$0	\$0	\$0
<i>Magnolia/Wall</i>	\$100,000				
Street Signs	\$15,000	\$10,000			
Harold's Lake Cleanout	\$0	\$0	\$0	\$0	\$225,000
ABM Electrical and Roofing					
ABM Field Lighting					
ABM Base Scope					
Small Roadway Projects					
<i>Pavement Management/Resurfacing</i>	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000
<i>Sidewalk/Curb Management</i>	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
<i>Point Repairs</i>	\$105,500	\$116,500	\$142,500	\$147,500	\$147,500
Projects Years 1-5	<u>18/19</u>	<u>19/20</u>	<u>20/21</u>	<u>21/22</u>	<u>22/23</u>
Pinellas/Ponce(Phase 2)					
<i>Professional Services</i>					
<i>Construction</i>	\$3,300,000				
Palmetto					
<i>Professional Services</i>					
<i>Construction</i>	\$750,000				
Carl					
<i>Professional Sevices</i>	\$60,000				
<i>Construction</i>	\$600,000				
<i>Shirley/Varona/Sunny/Barb (Op)</i>	\$31,000				
Belforest					

	<u>18/19</u>	<u>19/20</u>	<u>20/21</u>	<u>21/22</u>	<u>22/23</u>
Construction					
Bayview Bridge to IRR				\$0	\$0
Professional Services		\$27,864.00	\$278,640		
Construction				\$1,161,000	\$1,161,000
The Bluff					
Study	\$15,000	\$100,000			
Point Repairs					
Professional Services (Conceptual)			\$600,000		
Construction (Conceptual)				\$5,000,000	
Seawall Replacement				\$220,000	
Belleair Creek (Ponce to Bridge)					
Study	\$50,000				
Professional Services (Conceptual)					\$850,000
Construction (Conceptual)					\$5,000,000
Point Repairs					
Ponce from Roundabout to Trail	\$0	\$0			\$0
Professional Services (Conceptual)	\$244,200				
Construction (Conceptual)		\$1,017,500	\$1,017,500		
Pinellas/Ponce(Phase 3)					
Professional Services	\$32,000				
Construction	\$750,000				
Bridge Repairs					
Engineering					
Scour Protection	\$60,000				
Seawall Repairs					
Grout/Deck Repair					
Replacement					
Magnolia Wall/One Way (Concept)					
Professional Services	\$15,000				
Construction	\$185,000				
IRR (Poinsettia to Rosery)					
Professional Services	\$75,000				
Construction		\$750,000			
Point Repairs/Overlay					
Projects Years Beyond 6 Years (Conceptual)	<u>18/19</u>	<u>19/20</u>	<u>20/21</u>	<u>21/22</u>	<u>22/23</u>
Seawall Replacements					
Thompson Park					
Winston Park					
Coe Rd.					
Pinellas/Ponce(Phase 4)					
Professional Services					
Construction					
IRR (Rosery to Mehlenbacher)					
Professional Services					
Construction					
The Mall/Gardenia	\$0	\$0	\$0		
Professional Services					
Construction					
Osceola East of IRR	\$0	\$0	\$0	\$0	
Professional Services					

	<u>18/19</u>	<u>19/20</u>	<u>20/21</u>	<u>21/22</u>	<u>22/23</u>
Construction					
IRR Bayview to Belleview	\$0	\$0	\$0	\$0	
Professional Services					
Construction					
Ponce from Manatee to Oleander	\$0	\$0	\$0	\$0	\$0
Professional Services					
Construction					
Wildwood/Woodlawn	\$0	\$0	\$0	\$0	\$0
Professional Services					
Construction					
IRR Hunter Bayview to Poinsettia	\$0	\$0	\$0	\$0	\$0
Professional Services					
Construction					
Poinsettia	\$0				
Construction					
Osecola from Oleander to Manatee					
Professional Services					
Construction					
Ponce from Manatee to Rosery					
Professional Services					
Construction					
Other Expenses					
Transfer to Reserves					
Transfer to 401					
BB&T Debt Service	\$715,000	\$875,000	\$875,000	\$875,000	\$875,000
ABM Loan Debt Service	\$79,000	\$79,000	\$79,000	\$79,000	\$79,000
GF Debt Service					\$0
Totals	\$7,331,700	\$3,125,864	\$3,142,640	\$7,632,500	\$8,487,500
	\$0	\$3,196,086	\$2,320,830	(\$4,121,300)	(\$2,417,900)
Fund Balance	<u>18/19</u>	<u>19/20</u>	<u>20/21</u>	<u>21/22</u>	<u>22/23</u>
Exp	\$7,331,700	\$3,125,864	\$3,142,640	\$7,632,500	\$8,487,500
Rev	\$3,596,100	\$6,321,950	\$5,463,470	\$3,511,200	\$6,069,600
Change in FB	(\$3,735,600)	\$3,196,086	\$2,320,830	(\$4,121,300)	(\$2,417,900)
Fund Balance	\$2,054,535	\$5,250,621	\$7,571,451	\$3,450,151	\$1,032,251



Legislation Details (With Text)

File #: 18-0357 **Version:** 1 **Name:**
Type: Discussion Items **Status:** General Agenda
File created: 1/4/2019 **In control:** Infrastructure Board
On agenda: 1/7/2019 **Final action:**
Title: Town Street lighting update and overview

Sponsors:

Indexes:

Code sections:

Attachments:

Date	Ver.	Action By	Action	Result
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Summary

To: Infrastructure Board

From: Keith A. Bodeker

Date: 1/4/2019

Subject:

Town street lighting update and overview

Summary:

Town staff has been working tirelessly on several aspects of street lighting within Town limits over the last year. These have been some much needed upgrades and improvements, but there is still a lot of work yet to be done. One of the upgrades that have taken place is replacing existing direct buried wire for the decorative street lights. Staff is having 1" conduit installed to each of the decorative street lights, with new wiring installed inside the conduit. This has been a huge help in supplying a more consistent power supply to the lights. To date we have been able to successfully complete all replacements from Park Ave south to Mehlenbacher Road on the west side of Indian Rocks Road.

Another upgrade that staff has worked on is updating all of the Duke lighting from high pressure sodium lights (yellow color) to LED (bright white). Town staff is still working with Duke on when the LED conversions will start, but anticipate it to be some time in Spring of 2019. Finally, staff wanted to inform the Infrastructure Board that they have been having numerous issues with the current street light supplier, Cyclone Lighting. There was a previous shipment of lights that have been found to have a "leak defect" that renders the lights useless once the lights fills up with water. The supplier has been less than forth coming in supplying replacement parts in a timely manner in order to repair them. Also, the supplier is no longer making the current style of head with LED chips in it, they are going to a solid module type. While the style change can be handled with a few minor adjustments to managing inventory, the outrageously long lead and delivery times are difficult to manage and plan for.

Staff will be exploring more options in the future to bring to this Board for their input and review. In the short term, staff has found a retrofit option to make use of the existing light fixtures and globes. We are able to

purchase the replacement bulbs directly, and in a more timely manner, to have a 5 yr warranty on them and can replace on our own. Also, the current retrofit cost is more cost effective than purchasing the Cyclone option. The retrofits have been installed on Belleview Blvd starting at Ft Harrison and heading to the west. Staff will bring examples of the deficient lights and the new retrofits to the meeting.

Previous Commission Action: N/A

Background/Problem Discussion: N/A

Expenditure Challenges N/A

Financial Implications: N/A

Recommendation: N/A

Proposed Motion N/A