



City of Palm Coast
Agenda
BEAUTIFICATION AND
ENVIRONMENTAL
ADVISORY COMMITTEE

City Hall
160 Lake Avenue
Palm Coast, FL 32164
www.palmcoastgov.com

Chairman Jeffery Seib
Committee Member Edward Beier
Committee Member Robert Knapp
Committee Member Glenn Partelow

Thursday, August 22, 2019

5:00 PM

COMMUNITY WING OF CITY HALL

>In accordance with the Americans with Disabilities Act, persons needing assistance to participate in any of these proceedings should contact the City Clerk's Office at 386-986-3713 at least 48 hours prior to the meeting.

>Public comment on issues on the agenda or public participation shall be limited to 3 minutes.

>The City of Palm Coast is not responsible for any mechanical failure of recording equipment

>All pagers and cell phones are to remain OFF during the Committee meeting.

>Other matters of concern may be discussed as determined by Committee during the meeting.

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CALL TO ORDER AND PLEDGE OF ALLEGIANCE

ROLL CALL

MINUTES

**MINUTES OF THE JULY 25, 2019 BEAUTIFICATION AND ENVIRONMENTAL ADVISORY
COMMITTEE MEETING**

OLD BUSINESS

2 CONTINUE THE DISCUSSION FOR CLIMATE CHANGE INITIATIVES

**3 CONTINUE THE DISCUSSION REGARDING THE CITY OF PALM COAST BECOMING A
MONARCH CITY**

NEW BUSINESS

1 PALM COAST CONNECT PRESENTATION

PUBLIC PARTICIPATION

DISCUSSION OF MATTERS NOT ON THE AGENDA

ADJOURNMENT

City of Palm Coast, Florida Agenda Item

Agenda Date: AUGUST 22, 2019

Department	PLANNING	Amount
Item Key	7005	Account
		#
Subject	MINUTES OF THE JULY 25, 2019 BEAUTIFICATION AND ENVIRONMENTAL ADVISORY COMMITTEE MEETING	
Background :		
Recommended Action :		
Approve the minutes as presented.		



**City of Palm Coast
Minutes
BEAUTIFICATION AND
ENVIRONMENTAL
ADVISORY COMMITTEE**

City Hall
160 Lake Avenue
Palm Coast, FL 32164
www.palmcoastgov.com

*Chairman Jeffery Seib
Vice Chair Marcia Foltz
Committee Member Edward Beier
Committee Member Robert Knapp
Committee Member Glenn Partelow*

Thursday, July 25, 2019

5:00 PM

COMMUNITY WING OF CITY HALL

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CALL TO ORDER AND PLEDGE OF ALLEGIANCE

*Chair Seib called the July 25, 2019 Beautification and Environmental Advisory
Committee (BEAC) Meeting to order at 5:00PM.*

ROLL CALL

Present and answering to roll call were:

*Chair Seib
Mr. Partelow
Mr. Knapp
Mr. Beier*

*Absent:
Vice Chair Foltz*

City staff present were:

*Beth Dawson, Landscape Architect
Jordan Myers, Environmental Planning Technician*

MINUTES

1 MEETING MINUTES OF THE JUNE 27, 2019 BEAUTIFICATION AND ENVIRONMENTAL ADVISORY COMMITTEE MEETING

Pass

Motion made to approve as presented made by Committee Member Partelow and seconded by Committee Member Beier

Approved - 4 - Committee Member Edward Beier, Chairman Jeffery Seib, Committee Member Glenn Partelow, Committee Member Robert Knapp

OLD BUSINESS

2 CLIMATE CHANGE AND SEA LEVEL RISE

Chair Seib introduced this agenda item and suggested a shift in the committee's approach to present to the City Council with a set of policies that deal specifically with Climate Change and Sea Level Rise that can be easily incorporated into the documents such as the City's Comprehensive Plan. Chair Seib gave a handout which has been attached to these minutes.

Ms. Dawson gave an update on the City's Green Initiatives, specifically there are no restrictions from the City on whether a developer can incorporate solar power into their building.

Received and Filed

NEW BUSINESS

3 TURTLE DEDICATION 1: LOCAL ARTIST JJ GRAHAM

Chair Seib introduced Ms. Nancy Crouch of the Palm Coast Arts Association who gave a presentation which is attached to these minutes, the presentation is with regarding to agenda items # 3 and #4. However, there will be two separate votes taken, one for agenda item #3 and one for item #4. Ms. Crouch also indicated that the proposed unveiling of the turtle (agenda item #3- Degas) is scheduled for Tuesday, September 17th @ 5PM at Central Park in Town Center, which will coincide with September's Food Truck Tuesday event.

Pass

Motion made to approve as amended with the recommendation to place the turtle in the front of City Hall between the two City Hall entrances (Community Wing and City Hall entrance doors); between two trees made by Committee Member Partelow and seconded by Committee Member Knapp

**Approved - 4 - Committee Member Edward Beier, Chairman Jeffery Seib,
Committee Member Glenn Partelow, Committee Member Robert Knapp**

4 TURTLE DEDICATION 2: LOCAL ARTIST ANDY SOVIA

Ms. Crouch introduced the proposal for the agenda item #4 turtle (Garfield) to be unveiled on Founders' Day on October 26th. Mr. Partelow asked for clarification on how much the turtles cost and how are those funds allocated. Ms. Couch gave an update on the future of the Palm Coast Arts Foundation's turtle program.

Ms. Dawson informed the BEAC members of the next steps in the approval process of tonight's agenda items.

Pass

Motion made to approve as amended with the recommendation to place the turtle in front of the Historical Society building within Holland Park made by Committee Member Beier and seconded by Committee Member Knapp

**Approved - 4 - Committee Member Edward Beier, Chairman Jeffery Seib,
Committee Member Glenn Partelow, Committee Member Robert Knapp**

PUBLIC PARTICIPATION

Chair Seib opened the meeting to public comment at 5:48PM and seeing no one approach the podium, he closed the public comment section of the meeting at 5:49PM.

DISCUSSION OF MATTERS NOT ON THE AGENDA

Mr. Partlow gave an update on his activity contacting "Solar Fit" about any restrictions on placing solar paneling within the City of Palm Coast. His contact confirmed Ms. Dawson's earlier update that there are not any limitations on solar power from the City.

Chair Seib asked the BEAC members if they had followed up on last month's agenda item regarding the Monarch Proposal and then he proceeded to give an update on his conversation with President of the Palm Coast Garden Club regarding joining their effort to have the City become a Monarch City. Chair Seib will be attending a meeting of the Garden Club in August 5th @ 1PM at the Flagler County Library.

ADJOURNMENT

Motion made that the meeting be adjourned by Mr. Knapp and the motion was seconded by Mr. Partelow. The meeting was adjourned at 6:00PM.

*Respectfully Submitted by:
Irene Schaefer, Recording Secretary*

City of Palm Coast, Florida Agenda Item

Agenda Date: AUGUST 22, 2019

Department	PLANNING	Amount
Item Key	7007	Account
		#
Subject	CONTINUE THE DISCUSSION FOR CLIMATE CHANGE INITIATIVES	
Background :		
Recommended Action :	Discussion	

The Threat of Climate Change and Sea Level Rise for Palm Coast Recommendations to Minimize Negative Impacts

A Report to the Palm Coast City Council
By the Beautification and Environmental Advisory Committee (BEAC)

Introduction

Climate change and sea level rise (CCSLR) is currently recognized as a phenomenon that has the potential to threaten our way of life beginning right now. It is prudent to immediately begin the process of incorporating CCSLR planning into the cities mechanisms of management. According to our charter it is the responsibility of the BEAC to provide the city with information and present recommendations on environmental issues such as this that are of importance to the people of Palm Coast. This report will present the current knowledge of CCSLR, future trends, present a background of causative factors of CCSLR, and make recommendations for policies to be included in the cities Comprehensive Plan that will be taken into account whenever amendments or other actions are brought before the city council. This report will ‘pull no punches’. The conclusions and recommendations could be seen as controversial or as too little or too much, but the fact remains that we are in it now and doing nothing is not an option.

Background

CCSLR is no longer a futuristic prediction of what may happen. It is happening now. From melting Northern Hemisphere ice caps to the warmest months ever- all time records keep falling. The present future predictions paint a worsening picture of a world rapidly falling into decline with the latest data showing a possible future food crisis. At one time the achievements of scientific research were highly praised in our society. In our lifetimes peoples attitudes towards science have went from a deep belief in the many discoveries and advances in agriculture, medicine, communications, and other fields, to a cynical doubting and disbelief even as the pace of new scientific advances and benefits increases every day. This science doubting has resulted in negative attitudes towards many current research achievements, such as the determination of the exact causes of CCSLR and the methods required to repair the damage already done. Due to the “greenhouse effect”, that is, the concentration of certain gases in the atmosphere that trap heat and cause temperature increases.

The primary greenhouse gases are CO₂, Methane (CH₄), and Nitrous Oxide (NO₂), now at the highest level in 800,000 years. In the historic record previous times of higher levels of these gases occurred over a period of 10,000 to 100,000 years. The present steep rise of atmospheric greenhouse gases began with the onset of the Industrial Revolution when huge world-wide increases in the burning of fossil fuels occurred and are continuing today.

World-wide temperature has already increased by 1.0 degree Celsius during this time period. To avoid catastrophic climate changes scientists have called for a cap on temperature increases of 1.5 degree Celsius by the end of this century. Accepted scientific research evidence shows that the temperature increases of the last one thousand years are not due to the previous historic causes of increased solar and/or volcanic activity.

Methods and Conclusions

Coastal cities like Palm Coast should begin preparing now for the impacts of CCSLR in order to safeguard their communities social, cultural, environmental, and economic resources. Our changing climate along with population increases makes water supply planning and management one of the top critical challenges for the city. Storm intensity and surge will increase flooding and property damage. Flooding is both an inland and a coastal issue leading to a lower capacity of the soil to absorb precipitation and increasing the risk of flooding because aquifers are full and groundwater has no place to go. Water and sewage delivery and retrieval systems may be operating under water as the water table rises. Roadway infrastructure can be damaged by flooding and higher water table levels. Road bases can become saturated causing premature base failure. More frequent flooding and higher water table levels may increase the frequency of waterborne illnesses, and lead to contaminated water supply systems. City infrastructure planning should identify vulnerable areas and define an acceptable 'level of service' for those locations. New building construction, both public and private, should include foundation 'hardening' for increasing in intensity and number of storm surge and flooding events. Banks and other lending agencies financing these developments will, in the end, ultimately seek relief from the state if properties fall into default due to these climate change impacts. From an environmental statement, all presently undeveloped property, in both public and private ownership, especially wetlands will retain and hold flood waters thus relieving some of the damage to structures and roadways and channel water away from developed areas.

Recommendations

- Incorporate CCSLR into the cities “2035 Vision for the City of Palm Coast” Comprehensive Plan.
- The city of Palm Coast commit to reducing the carbon footprint of the city by becoming recognized for energy efficiency green technology and proactive planning for CCSLR.
- Enact and include in the Comprehensive Plan policies that follow a ‘resiliency approach’ toward CCSLR that focuses on ‘adaptive capacity’ which is the ability of a system to handle surprises, respond, learn from mistakes, and recover.
- Declare in the downtown ‘Innovation District’ all development will take advantage of incentives for energy efficient ‘green’ technology.
- All buildings in any flood or storm surge prone areas will have Infrastructure hardening to prevent losses.
- All new roadways and any reconditioning of older roadways in flood prone areas will have a water table analysis that takes into account possible CCSLR negative effects.
- The Comprehensive Plan will require that developers in flood and storm surge areas retain undeveloped forests and all wetlands in order to serve as sea level rise and flooding ‘horizontal levees’; that is, retain floodwaters as in a large reservoir.

Only by adopting some, all, or an entire palette of similar ideas can the City of Palm Coast truly move into the 21st century and insure Palm Coast will be here for us into the 22nd century and beyond.

City of Palm Coast, Florida Agenda Item

Agenda Date: AUGUST 22, 2019

Department	PLANNING	Amount
Item Key	7008	Account
		#
Subject	CONTINUE THE DISCUSSION REGARDING THE CITY OF PALM COAST BECOMING A MONARCH CITY	
Background :		
Recommended Action :		
Discussion		

City of Palm Coast, Florida Agenda Item

Agenda Date: AUGUST 22, 2019

Department	PLANNING	Amount
Item Key	7006	Account
		#
Subject	PALM COAST CONNECT PRESENTATION	
Background : Mr. Beier had previously seen a presentation of the new Palm Coast Connect system given by City staff at meeting he attended. He has requested that staff give a similar presentation to the BEAC members.		
Recommended Action : Presentation and discussion of how the BEAC may use this tool in their green initiatives.		