

RESOLUTION NO. 15-245

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, SUPPORTING THE PROPOSED ACTIVITIES, INCLUDING LOCAL COST SHARE, OUTLINED IN THE 2016/2017 LOCAL GOVERNMENT FUNDING REQUEST (LGFR) TO FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) FOR REST BEACH RENOURISHMENT ACTIVITIES; AUTHORIZING THE CITY TO ACT AS A LOCAL SPONSOR, AND TO REGIONALIZE WITH THE STATE DIVISION OF PARKS AND RECREATION; PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, the City recognizes the economic, recreational, environmental and shore protection value of beach nourishment; and

WHEREAS, the City has assumed the responsibility for maintenance and preservation of the public beach known as Rest Beach; and

WHEREAS, the City has obtained a state permit and is currently working to secure a federal permit for periodic nourishment, mitigation and monitoring of Rest Beach; and

WHEREAS, the City is willing to serve as the local sponsor for the beach nourishment project proposed at Rest Beach and provide the local cost share for the project through a combination of Capital Improvement Funds and Monroe County Tourist Development Council Funds; and

WHEREAS, the City wishes to submit a Local Government Funding Request to the Florida Department of Environmental Protection's Beach Management Funding Assistance Program for state cost sharing assistance in Fiscal Year 2016-2017; and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA AS FOLLOWS:

Section 1: That the City Commission of the City of Key West supports the proposed activities, including the local cost share, outlined in the attached 2016/2017 Local Government Funding Request submittal to Florida Department of Environmental Protection.

Section 2: That the City of Key West is authorized to act as a local sponsor and to regionalize with the State Division of Parks and Recreation.

Section 3: That this Resolution shall go into effect immediately upon its passage and adoption and authentication by the signature of the Presiding Officer and the Clerk of the Commission.

Passed and adopted by the City Commission at a meeting held this 4th day of August, 2015.

Authenticated by the Presiding Officer and Clerk of the Commission  
on 5th day of August, 2015.

Filed with the Clerk on August 5, 2015.

Mayor Craig Cates	<u>Yes</u>
Vice Mayor Mark Rossi	<u>Yes</u>
Commissioner Teri Johnston	<u>Yes</u>
Commissioner Clayton Lopez	<u>Yes</u>
Commissioner Billy Wardlow	<u>Yes</u>
Commissioner Jimmy Weekley	<u>Yes</u>
Commissioner Tony Yaniz	<u>Yes</u>

  
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CRAIG CATES, MAYOR

ATTEST:

  
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CHERYL SMITH, CITY CLERK



## THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3883

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### **EXECUTIVE SUMMARY**

**DATE:** July 15, 2015

**TO:** Jim Scholl, City Manager  
Sarah Spurlock, Assistant City Manager  
Greg Veliz, Assistant City Manager

**FROM:** Janet Muccino, Project Manager

**RE:** Support the proposed activities as outlined in the 2016/2017 Local Government Funding Request to Florida Department of Environmental Protection for Rest Beach Renourishment activities. The City will act as a local sponsor and intends to regionalize with the State Division of Parks & Recreation and Monroe County.

### **Action Statement**

City Commission support of proposed Rest Beach renourishment activities included in the 2016/2017 Local Government Funding Request (LGFR) submittal to Florida Department of Environmental Protection (FDEP) Beach Management Funding Assistance Program.

### **Project Issue**

The FDEP Beach Management Funding Assistance Program requires an annual submittal of a LGFR as a method of funding grant projects for beach renourishment and related activities. The State Legislature will allocate money for the LGFR during the March 2016 hearings based on FDEP recommendations. Funding will become available in July 2016. The proposed renourishment activities in the City's 2016/2017 LGFR are required to be supported through resolution by the City Commission. A copy of this LGFR is attached.

The City received an FDEP permit for in March 2015, and is currently working to secure a federal permit for periodic renourishment, mitigation and monitoring of Rest Beach. Beach renourishment and mitigation are scheduled to be completed as soon as the federal permit is issued. Funds received from the FDEP will be used to offset budgeted funds for construction, construction monitoring, seagrass mitigation and associated performance monitoring.

## **Financial Issues**

City Commission approved FY 2014/2015 budget includes \$859,840 for sand placement and pre and post renourishment requirements. \$576,979 is currently funded for seagrass mitigation, with an additional \$173,000 requested in FY 2015/16. Total current estimate for Rest Beach is \$1,559,840. The attached LGFR requests a 50% cost share from the FDEP for the seagrass mitigation and monitoring component of the project. The City, as the local sponsor, intends to coordinate the planning, design, and construction of beach erosion control projects with the county or state (regionalization) to take advantage of identifiable cost savings. Regionalization could increase the State's cost share from 50% to 75% based on actual savings.

## **Recommendations**

City staff recommends the City Commission support, by resolution, the proposed activities outlined in the 2016 / 2017 Local Government Funding Request to FDEP Beach Management Funding Assistance Program for Rest Beach. Approval of this resolution will facilitate the City's request for a 50% cost share from the FDEP for Rest Beach renourishment related activities.

**FY 2016/17 Local Government Funding Request  
Beach and Inlet Management Project Supplemental**

**Project Name (Same as previous phase):** Rest Beach Renourishment

**Project Description: (Should be consistent year to year with annual updates. Include county, location with reference to range monuments, brief project history, and upcoming activities.):** The project consists of the renourishment of 643 feet of critically eroded Atlantic shoreline located in Key West, Monroe County. The initial restoration of the project was in 1995 and included placement of sand from upland sources, removal of invasives and landscape improvements. The City is awaiting issuance of an US Army Corps of Engineers (ACOE) permit for renourishment. The City received Florida Department of Environmental Protection permit in March 2015. Subject to receipt of the ACOE permit, renourishment is scheduled this fiscal year.

**Use of Requested Program Funds:** The funds will be used for renourishment construction/monitoring and seagrass mitigation/monitoring

**Local Government Contact:**

Name	Title	Email
Janet Muccino	Project Manager	jmuccino@cityofkeywest-fl.gov
Address 1: PO Box 1409		Phone: 305 809 3867
Address 2: Key West ,FL 33041		Fax: 305 809-3739

**Schedule and Budget:**

(Include estimated phases for 10 years and estimated project costs for 5 years.)

Year	Proposed Method	Description	Total Estimated Cost	Third Party Cost Share	State Cost Share	Local Cost Share
2016/ 2017	Renourishment Construction & Monitoring		709,234	236,411	236,411	236,412
	Seagrass Mitigation & Monitoring		800,000		400,000	400,000
2017/ 2018	Monitoring		30,361.00		15,180.50	15,180.50
2018/ 2019	Monitoring		30,361.00		15,180.50	15,180.50
2019/ 2020	Monitoring		30,361.00		15,180.50	15,180.50
2020/ 2021	Monitoring		17,566.50		8,783.25	8,783.25
2021/ 2022	Monitoring					
2022/ 2023						

2023/ 2024	renourishment					
2024/ 2025						
	monitoring					
2025/ 2026						
	monitoring					

RESOLUTION NO. 14-223

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, SUPPORTING THE PROPOSED ACTIVITIES OUTLINED IN THE 2015/2016 LOCAL GOVERNMENT FUNDING REQUEST (LGFR) TO FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) FOR REST BEACH RENOURISHMENT ACTIVITIES; AUTHORIZING THE CITY TO ACT AS A LOCAL SPONSOR, AND TO REGIONALIZE WITH THE STATE DIVISION OF PARKS AND RECREATION; PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, the FDEP Beach Management Funding Assistance Program requires an annual submittal of an LGFR as a method of funding grant projects for beach renourishment and related activities; and

WHEREAS, the City is currently working to secure state and federal permits for renourishment, mitigation and monitoring of Rest Beach; and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA AS FOLLOWS:

Section 1: That the City Commission of the City of Key West supports the proposed activities outlined in the attached 2015/2016 Local Government Funding Request submittal to Florida Department of Environmental Protection.

Section 2: That the City of Key West is authorized to act as a local sponsor and to regionalize with the State Division of Parks and Recreation.

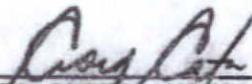
Section 3: That this Resolution shall go into effect immediately upon its passage and adoption and authentication by the signature of the Presiding Officer and the Clerk of the Commission.

Passed and adopted by the City Commission at a meeting held this 19 day of August, 2014.

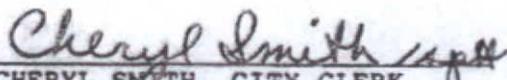
Authenticated by the Presiding Officer and Clerk of the Commission on 20 day of August, 2014.

Filed with the Clerk on August 20, 2014.

Mayor Craig Cates	<u>Yes</u>
Vice Mayor Mark Rossi	<u>Yes</u>
Commissioner Teri Johnston	<u>Yes</u>
Commissioner Clayton Lopez	<u>Yes</u>
Commissioner Billy Wardlow	<u>Yes</u>
Commissioner Jimmy Weekley	<u>Yes</u>
Commissioner Tony Yaniz	<u>Yes</u>

  
\_\_\_\_\_  
CRAIG CATES, MAYOR

ATTEST:

  
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CHERYL SMITH, CITY CLERK



## THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3883

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### EXECUTIVE SUMMARY

**DATE:** August 8, 2014

**TO:** Jim Scholl  
Sarah Spurlock

**FROM:** Janet Muccino

**RE:** Support the proposed activities as outlined in the 2015/2016 Local Government Funding Request to Florida Department of Environmental Protection for Rest Beach Renourishment activities. The City will act as a local sponsor and intends to regionalize with the State Division of Parks & Recreation.

### Action Statement

City Commission support of proposed Rest Beach renourishment activities included in the 2015/2016 Local Government Funding Request (LGFR) submittal to Florida Department of Environmental Protection (FDEP) Beach Management Funding Assistance Program.

### Project Issue

The FDEP, Beach Management Funding Assistance Program, requires an annual submittal of a LGFR as a method of funding grant projects for beach renourishment and related activities. The State Legislature will allocate money for the LGFR during the March 2015 hearings based on FDEP recommendations. Funding will become available in July 2015. The proposed renourishment activities in the City's 2015/2016 LGFR are required to be supported through resolution by the City Commission. A copy of this LGFR is attached.

The City is currently working to secure state and federal permits for periodic renourishment, mitigation and monitoring of Rest Beach. Beach renourishment and mitigation are scheduled to be completed in 2015. Funds received from the FDEP will be used to offset budgeted funds for seagrass mitigation and associated performance monitoring.

### **Financial Issues**

The City's 2014/2015 proposed budget includes a funding request of \$507,000 for Rest Beach seagrass mitigation and monitoring. The attached LGFR requests a 50% cost share from the FDEP for the mitigation and monitoring. The City, as the local sponsor, intends to coordinate the planning, design, and construction of beach erosion control projects with the county or state (regionalization) to take advantage of identifiable cost savings. Regionalization could increase the State's cost share from 50% to 75% based on actual savings.

### **Recommendations**

City staff recommends the City Commission support by resolution the proposed activities outlined in the 2015 / 2016 Local Government Funding Request to FDEP, Beach Management Funding Assistance Program for Rest Beach. Approval of this resolution will facilitate the City's request for a 50% cost share from the FDEP for Rest Beach renourishment related activities.

**FY 2015/16 Local Government Funding Request  
Beach Management Projects**

**Project Name (Same as previous phase): Rest Beach Renourishment**

**Project Description: (Should be consistent year to year with annual updates. Include county, location with reference to range monuments, brief project history and upcoming activities.) The project consists of the renourishment of 643 feet of critically eroded Atlantic shoreline located in Key West, Monroe County. The initial restoration of the project was in 1995 with the placement of sand from upland sources, removal of invasives and landscape improvements. The City is currently working to secure FDEP & USACE permits for renourishment which is scheduled for FY2014/15.**

**Renourishment sand is hauled from a source approved by all permitting agencies. The sand size is a permit condition which helps facilitate turtle nesting and seagrass proliferation.**

**The City intends to regionalize with the State Division of Parks & Recreation for beach renourishment projects.**

**Use of Requested Program Funds: Funds will be used for sand placement, seagrass transplantation mitigation and monitoring for the Rest Beach Renourishment project**

**Local Government Contact**

<b>Name</b>	<b>Title</b>	<b>Email</b>
Janet Muccino	Project Manager	jmuccino@keywestcity.com
Address 1: PO Box 1409		Phone: 305 809-3867
Address 2: Key West, FL 33041		Fax: 305 809-3739

**Mapping- Maps should be provided as attachments.**

Maps should be to scale at a minimum of 1"=200' Mapping elements include:

- Project Boundary with Critically Eroded Shoreline see attached drawing
- Range Monuments N/A
- Beach Access and Parking- Primary and Secondary, including access widths. Rest Beach has three (3) handicap parking spaces by the walkway adjacent to the dune. There is additional parking for approximately fifty (50) vehicles across Atlantic Blvd at Indigenous park and parking spaces on White St. The beach is 100% open for public use.
- Public Lodging Establishments- locations and length of property boundaries along project shoreline or street frontage N/A
- Comprehensive Plan/Current Land Use designations of Commercial and Recreational Facilities and associated property boundaries along the project shoreline.

**OBJECTIVE 5-13: LAND USE CONTROLS AND CONSTRUCTION STANDARDS FOR PROTECTING THE NATURAL SHORELINE AND THE VERY LIMITED BEACH/DUNE SYSTEM.** The City shall not allow any construction of man-made structures on the City's beach, excepting beach access



(Expand table as needed)

Provide Public Lodging Establishment documentation including proof of licensure.

**Schedule and Budget:**

(Include estimated phases for 10 years and estimated project costs for 5 years.)

Year	Proposed Method	Description	Total Estimated Cost	Federal Cost Share	Third Party Cost Share	State Cost Share	Local Cost Share
2014/2015	Construction		\$587,600		\$195,866.67	\$195,866.67	\$195,866.67
	Mitigation		\$450,000	0.00	0.00	\$225,000	\$225,000
	Monitoring		\$18,000	0.00	0.00	\$9,000	\$9,000
2015/2016				0.00	0.00		
	Monitoring		\$18,000	0.00	0.00	\$9,000	\$9,000
2016/2017				0.00	0.00		
	Monitoring		\$18,000	0.00	0.00	\$9,000	\$9,000
2017/2018				0.00	0.00		
	Monitoring		\$18,000	0.00	0.00	\$9,000	\$9,000
2018/2019				0.00	0.00		
	Monitoring		\$10,000	0.00	0.00	\$5,000	\$5,000
2019/2020							
	Monitoring						
2020/2021							
	Monitoring						
2021/2022							
	renourishment						
2022/2023							
	monitoring						
2023/2024							
	monitoring						

**Severity of erosion:** Criterion will be calculated by the Department. Please provide narrative and any data that should be considered in addition to the Department's database.

Apart from erosion due to Hurricane events, the major erosion component is due to high wave action impacting on the beach face. Another component of erosion is caused by wind force action on the berm and beach face. Once renourished, the beach & berm will require periodic renourishment to maintain the project design dimensions.

**Threat to Upland Structures:** Criterion will be calculated by the Department. Please provide narrative and any data that should be considered in addition to the Department's database.

N/A

**Recreational and Economic Benefit:** The percentage of linear footage of properties within the project boundaries zoned commercial, recreational, or Public Lodging Establishment, or the equivalent, in the current local government land use map **100%**

**Availability of Federal Funds:**

Is the project federally authorized by WRDA? No  
Provide date of authorization expiration. n/a  
Does this project phase have a Federal Project Cooperative Agreement, or similar for the current phase? Provide a copy of the document. n/a  
Federal cost share percentage available for this project: n/a

Is this project funded through FEMA for storm repairs? No  
Provide a copy of the signed Project Worksheet.

**Local Sponsor Financial and Administrative Commitment**

Is funding for the project in the local sponsor's 10-year comprehensive financial plan? No  
Please provide copy or web link to the plan.

Is funding provided through a source established by referendum? No  
Please provide a copy or web link to the referendum.

Is funding provided by a third party? Yes  
What is the percentage of total project costs provide by the third party? 50  
Please provide a copy of the cost sharing agreement. Agreements attached with amendments

**Quarterly Report Compliance:**

FY2012/2013	End Date	Report Remitted	Compliant (yes/no)
Qtr 1 (Sept)	10/31/2012	8/20/2013	yes
Qtr 2 (Dec)	01/31/2013	8/20/2013	yes
Qtr 3 (Mar)	04/30/2013	8/20/2013	yes
Qtr4 (June)	7/31/2013	8/20/2013	yes

Are there active federal and state permits for the project? No  
Federal permit #: \_\_\_\_\_ Expiration date: \_\_\_\_\_  
State permit #: \_\_\_\_\_ Expiration date: \_\_\_\_\_

Have local funds been secured for the project? Yes  
Explain: Funds for construction, construction inspection & monitoring are in the City's current budget; utilization funds to be budgeted in upcoming fiscal year 14/15 budget to be approved October 1, 2014

In order to acquire state funding, a resolution from the local sponsor must be provided by the application deadline which declares:

- Support from the Sponsor for the Proposed Project
- Willingness to serve as the Local Sponsor
- Ability to provide the full Local Cost Share
- And the source of the funding

Please provide copy of the resolution. Resolution to be on August 19, 2014 commission agenda

**Previous State Commitment:**

In 2008 the FDEP entered into a cost-share agreement for funding of the permitting, design and a feasibility study and design & permitting of Rest Beach. The project is recommended in the Strategic Beach Management Plan and located in an area that has been designated as critically eroded shoreline by the FDEP. The City has received final payment for the agreement.

Has the Department previously cost shared, reviewed, and approved a feasibility or design phase for this project? Yes

Previous State Cost Share percentage 50

Will this project enhance or increase the longevity of a previously-constructed project? How? Yes, this project is based on the last previously-constructed project and provide long-term renourishment

Will this project nourish a previously restored shoreline? (Full beach nourishment. Dune-only projects do not qualify.) Yes

**Project Performance:**

Nourishment Interval (Years): 5

<b><u>REST BEACH SAND PLACEMENT</u></b>			
<b><u>YEAR</u></b>	<b><u>STORM</u></b>	<b><u>QUANTITY</u></b>	<b><u>PERMIT</u></b>
1994	RENOURISHMENT	2600 CY	1994 permit
1995	OPAL	944 tons	90 day field permit
1998	GEORGES	1,604 tons	90 day field permit
1999	IRENE	872 tons	90 day field permit
2005	WILMA	654 tons	90 day field permit
2009	TS FAYE	682 tons	90 day field permit
2012	Winter Erosion	275 tons	90 day field permit

**Mitigation of Inlet Effects:**

Criterion is calculated by the Department. Please provide any supplemental information that may assist in determining if the project is located with the area of inlet influence and provides supplemental nourishment for an inlet that is not balancing its sediment budget as defined by the Inlet Management Plan or Strategic Beach Management Plan.

N/A

**Use of Innovative Applications of existing technologies:**

Does the project address erosion in a method that is economically competitive with nourishment, that will not adversely affect the conservation of fish and wildlife, including endangered or threatened species, or their habitats, and that is designed to demonstrate an innovative application of existing technologies?

N/A

Has the project been documented to be effective and demonstrated technologies previously untried in the state?

N/A

**Regionalization:**

Is this project being planned or constructed in cooperation with another local government to reduce contracting costs? Explain and attach a signed copy of the inter-local agreement between the two local sponsors.

The City is intends to regionalize with the State Division of Parks & Recreation.

**Significance:**

What is the volume of advanced nourishment lost since the last sand placement event of a beach restoration or nourishment project as measured landward of the Mean High Water Line?

N/A

Has the project eroded into the design template? If so, please list those R-monuments. No

What is the proposed placement volume?

7500 CY