RESOLUTION NO.

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) REST BEACH RENOURISHMENT SOUTH THE S 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 as	nd authentication by the
signature of the Presiding Officer and the	Clerk of the Commission.
Passed and adopted by the City Commis	sion at a meeting held
this 19 day of August , 2014.	
Authenticated by the Presiding Offic	cer and Clerk of the
Commission on 20 day of August	2014.
Filed with the Clerk on August 20	, 2014.
Mayor Craig Cates	Yes
Vice Mayor Mark Rossi	Yes
Commissioner Teri Johnston	Yes
Commissioner Clayton Lopez	Yes
Commissioner Billy Wardlow	Yes
Commissioner Jimmy Weekley	Yes
Commissioner Tony Yaniz	Yes
Λ	9/
CRAY CATES NA	/A
ATTEST:	44-745



THE CITY OF KEY WEST

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

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 Kev 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

Title	Dogi
Project Manager	jmuccino@keywestcity.com
	Phone: 305 809-3867
	Fax: 305 809-3739
	2 244

Mapping- Maps should be provided as attachments.

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

XD Project Boundary with Critically Eroded Shoreline see attached drawing D Range Monuments N/A

XD 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 Blyd 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

X: Comprehensive Plan/Current Land Use designations of Commercial and Recreational Facilities and associated property boundaries along the project shoreline.

OBJECTIVE 5-1.3: 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

structures compliant with State construction standards. In addition, water dependent structures such as life guard stands or beach renourishment may be constructed if such structures meet the construction standards of federal and state agencies having jurisdiction. Any such construction activity must include measures to restore the beach and vegetation pursuant to a plan approved by the federal and/or state agencies having appropriate jurisdiction. No vegetation shall be removed unless the revegetation shall occur at a ratio 3 to 10 times the affected vegetated areas. The federal and/or state agencies having jurisdiction shall approve the revegetation ratio plan including the threshold for revegetation. The City shall continue to enforce Land Development Regulations which include performance standards designed to protect the limited beach and establish construction standards mandating that no development shall be located seaward of the shoreline, excepting structures approved by the State. The City's natural beach is in public ownership and shall be available for public access.

Monitoring Measure: Acres of beaches in public ownership, and inclusion of performance standards in the Land Development Regulations.

Policy 5-1.3.1: Shoreline Setback. The City shall require minimum coastal setbacks of 10 to 20 feet from the mean high tide line of man-made water bodies and/or lawfully altered shorelines of natural water bodies, dependent on the particular shoreline characteristic.

Policy 5-1.3.2: Natural Shoreline and Beach/Dune Stabilization. To protect natural rock outcrops which form most of the City's shoreline as well as the limited beach, shoreline development and access shall continue to be restricted in order to preserve the shoreline and the limited beach. Rigid shore protection structures are not permitted, except when used as part of a comprehensive plan for beach restoration and when non-structural alternatives are not acceptable. When beach renourishment projects are needed, the dune system should be restored, as necessary, utilizing natural, indigenous vegetation. The shoreline setback from natural shorelines shall be 30 to 50 feet dependent upon the particular shoreline characteristic identified in the Land Development Regulations.

OBJECTIVE 5-1.8: ACCESS TO PUBLIC BEACH, SHORELINE AND SCENIC VISTAS. Beaches as well as scenic vistas of the shoreline and tidal waters shall remain unobstructed and, to the extent lawful, no barriers shall be erected which prevent pedestrian access along the shoreline

Length of Project Boundary in Feet (total restored length)

643

Eligibility: Access Points and Public Lodging Establishments: N/A

Location/Name	Address	R- Mon	Type of Access	Width of Access/ Frontage	Total units	No. units available to Public	Eligible shoreline

(Expand table as needed)

Provide Public Lodging Establishment documentation including proof of licensure.

Schedule and Budget:

(Include estimated phases for 10 years and estimated repriect costs for 5 years)

Year	Proposed	Description	Total	Federal	Third	State Cost	Local Cost
	Method		Estimated	Cost	Party Cost	Share	Share
			Cost	Share	Share	September 1	
2014/	Construction		\$587,600		\$195,866.67	\$195,866.67	\$195,866.67
2015	Mitigation		\$450,000	0.00	0.00	\$225,000	\$225,000
	Monitoring		\$18,000	0.00	0.00	\$9,000	\$9,000
2015/				0.00	0.00		
2016	Monitoring		\$18,000	0.00	0.00	\$9,000	\$9,000
2016/				0.00	0.00		
2017	Monitoring		\$18,000	0.00	0.00	\$9,000	\$9,000
2017/				0.00	0.00		- MAN HAVOR PARTIES - LANGUAGE -
2018	Monitoring		\$18,000	0.00	0.00	\$9,000	\$9,000
2018/				0.00	0.00		
2019	Monitoring		\$10,000	0.00	0.00	\$5,000	\$5,000
2019/			AVIOR PI				
2020	Monitoring		Garage Barre				The state of
2020/					ESTIMATE STATE	ALC: NO SAME	
2021	Monitoring			DE HOLE		THE PERSON NAMED IN	The state of the s
2021/			AND DESCRIPTION	A CONTRACT	THE PERSON	A CONTRACTOR OF THE PARTY OF	
2022	renourishment		1000	No. of Lot		FOREST STATE	
2022/			The same of				RANGE NO
2023	monitoring			100		Park Style See	The State of
2023/			1.200				TO STATE
2024	monitoring		ALC: NO.		SERVE TA		AUGIN AND AND

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 crosion 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.

<u>Threat to Upland Structures:</u> 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

Availability of Federal Funds:

approved October 1, 2014

Is the project federally authorized by WRDA? Provide date of authorization expiration. Does this project phase have a Federal Project Cooperative Agreement, or similar for the phase? Provide a copy of the document. Federal cost share percentage available for this project:					
Is this project funded through FEMA for storm repairs? Provide a copy of the signed Project Worksheet.					
		ve Commitment 's 10-year comprehensive	financial plan?	No	
	rough a source establish or web link to the refer			_No	
Is funding provided by a third party? What is the percentage of total project costs provide by the third party? Please provide a copy of the cost sharing agreement. Agreements attached with amendments Quarterly Report Compliance:					
FY2012/2013	End Date	Report Remitted	Compliant (y	es/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? Federal permit #: Expiration date: State permit #: Expiration date:					
Have local funds been secured for the project? Explain: Funds for construction, construction inspection & monitoring are in the City's current budget; mitigation funds to be budgeted in upcoming fiscal year 14/15 budget to be					

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?

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.)

Project Performance:

Nourishment Interval (Years):

RESTER	PACHSAND PLACEN	TRATE	
YEAR	STORM	<u>OUANTITY</u>	PERMIT
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 Reach Management Plan

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	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

unicatence species, or men michals, and mat	is designed to demonstrate an	mnovative appareation
of existing technologies?	_	
	224	
	N/A	

Has the project been documented to be effective and demonstrated technologies p untried in the state?	reviously
	and pathologistic way, commercial contribution of the proposition of the contribution of
	erijoorka 6.0m in mood Candidae, essen saamen suure per manootta Sussessi vaada
Regionalization:	
Is this project being planned or constructed in cooperation with another local governeduce contracting costs? Explain and attach a signed copy of the inter-local agree the two local sponsors.	ernment to
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 ev- restoration or nourishment project as measured landward of the Mean High Water	vent of a beach Line?N/A
Has the project eroded into the design template? If so, please list those R-monume	ents. <u>No</u>
What is the proposed placement volume?	7500 CY