

Date: July 1, 2008

To: Honorable Chairman Bruno A. Barreiro
and Members, Board of County Commissioners

Agenda Item No. 5(L)

From: George M. Burgess
County Manager

Resolution No. R-725-08

Subject: Significant Modification to Building Better Communities General Obligation Bond Program Project Nos. 134 – “Old Cutler Road Bridge over the C-100 Canal ” and 130 A – “Repair or Replace the Fishing Piers at Old William Powell Bridge at Key Biscayne”

Recommendation

It is recommended that the Board of County Commissioners (BCC) approve the attached resolution authorizing a significant modification to the allocations for Building Better Communities General Obligation Bond Program (BBC GOB Program) Project Nos. 134 - “Old Cutler Road Bridge over the C-100 Canal” and 130A - “Repair of Fishing Piers at Old William Powell Bridge at Key Biscayne” following a public hearing pursuant to Resolution No. R-914-04 (Authorizing Resolution). The table below reflects the requested significant modification:

Project No.	Project Name	Original Allocation	Revised Allocation
134	Old Cutler Road Bridge over C-100 Canal	\$1,800,000	\$800,000
130A	Repair or Replace the Fishing Piers at Old William Powell Bridge at Key Biscayne	\$1,100,000	\$2,100,000

Scope

The scope of this resolution impacts the Old Cutler Road Bridge over C-100 Canal located at Old Cutler Road and SW 173 Street within the Village of Palmetto Bay (Commission District 8) and the Fishing Piers at Old William Powell Bridge in Key Biscayne (Commission District 7).

Fiscal Impact/Funding Source

The total BBC GOB Program allocations assigned to Project Nos. 134 and 130A are \$1,800,000, and \$1,100,000 respectively. There is no fiscal impact to the County as the overall BBC GOB Program funding will not be impacted as a result of this modification.

Track Record/Monitor

The implementing agency for this project is the Public Works Department (PWD), and the project manager responsible for monitoring this project is Marcos Redondo, P.E.

Background

On November 2, 2004, voters overwhelmingly approved eight (8) referendum questions funding more than 300 capital improvement projects throughout the County over the next 15 to 20 years. Each ballot question included a list of projects identified in Appendix A that were approved as part of the program. Appendix A to Resolution No. R-914-04, which authorized the referendum to construct and improve bridges, public infrastructure and neighborhood improvements, lists projects eligible for funding from the BBC GOB Program by number, name and project description. All additions, deletions and significant modifications to individual projects require a majority vote of the BCC following a public hearing.

One of the projects included in the BBC GOB Program is Project No. 134 - "Old Cutler Road Bridge over the C-100 Canal". The original allocation for this project is \$1,800,000. The PWD staff conducted an evaluation of the existing bridge geometry and determined that it meets current design standards. The bridge, built in 1960, is currently in good structural condition and thus replacing the bridge is not recommended at this time. PWD further recommends that, instead of replacing the bridge, elements of the bridge as well as the approach roadway be improved as needed. These improvements would include the bridge parapet walls (railings), additional signs, pavement markings, guardrails, etc., as well as the aforementioned rehabilitation work identified by the Florida Department of Transportation's (FDOT) Inspection Report. It is estimated that the costs for these repairs is \$800,000. The remaining \$1,000,000 would then be available for the Fishing Piers (Old William Powell Bridge) at the Rickenbacker Causeway (Project No. 130A). There is deterioration throughout these bridges due to the age of the bridges and the surrounding corrosive environment. One (1) of the two (2) existing bridges is currently closed and the other is periodically monitored to insure its structural integrity and may have to be closed as early as this year. These bridges are closed to vehicular traffic but are frequently used by County residents for fishing and also by the film industry for commercials, movies, etc. PWD is therefore requesting the significant modification of the allocation for BBC GOB Program Project No. 134 - "Old Cutler Bridge over the C-100 Canal" to \$800,000 and the reallocation of the remaining \$1,000,000 to BBC GOB Program Project No. 130A - "Repair of Fishing Piers at Old William Powell Bridge at Key Biscayne" thereby increasing the allocation for Project No. 130A to \$2,100,000 which will assist in funding much needed additional repairs to these bridges.

This recommendation was forwarded with a favorable recommendation by the BBC GOB Program Citizens' Advisory Committee (CAC) at their meeting of May 1, 2008.


Assistant County Manager



MEMORANDUM

(Revised)

TO: Honorable Chairman Bruno A. Barreiro
and Members, Board of County Commissioners

DATE: July 1, 2008

FROM: 
R. A. Cuevas, Jr.
County Attorney

SUBJECT: Agenda Item No. 5(L)

Please note any items checked.

- "4-Day Rule" ("3-Day Rule" for committees) applicable if raised
- 6 weeks required between first reading and public hearing
- 4 weeks notification to municipal officials required prior to public hearing
- Decreases revenues or increases expenditures without balancing budget
- Budget required
- Statement of fiscal impact required
- Bid waiver requiring County Manager's written recommendation
- Ordinance creating a new board requires detailed County Manager's report for public hearing
- Housekeeping item (no policy decision required)
- No committee review

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 5(L)
7-1-08

RESOLUTION NO. R-725-08

RESOLUTION APPROVING SIGNIFICANT MODIFICATION TO BUILDING BETTER COMMUNITIES GENERAL OBLIGATION BOND PROGRAM PROJECT NO. 134 – “OLD CUTLER ROAD BRIDGE OVER C-100 CANAL” AND PROJECT NO. 130 A – “REPAIR OF FISHING PIERS AT OLD WILLIAM POWELL BRIDGE AT KEY BISCAZYNE” EACH IDENTIFIED IN APPENDIX A TO RESOLUTION NO. R-914-04, AFTER A PUBLIC HEARING

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by this reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board hereby approves the significant modification to Building Better Communities General Obligation Bond Program Project No. 134 – “Old Cutler Road Bridge over C-100 Canal” and Project No. 130 A – “Repair of Fishing Piers at Old William Powell Bridge at Key Biscayne” each identified in Appendix A to Resolution No. R-914-04 , after a public hearing, as described in the accompanying memorandum which is made a part hereof.

The foregoing resolution was offered by Commissioner **Carlos A. Gimenez**, who moved its adoption. The motion was seconded by Commissioner **Joe A. Martinez** and upon being put to a vote, the vote was as follows:

	Bruno A. Barreiro, Chairman	aye	
	Barbara J. Jordan, Vice-Chairwoman	aye	
Jose "Pepe" Diaz	aye	Audrey M. Edmonson	aye
Carlos A. Gimenez	aye	Sally A. Heyman	aye
Joe A. Martinez	aye	Dennis C. Moss	aye
Dorrin D. Rolle	absent	Natacha Seijas	aye
Katy Sorenson	aye	Rebeca Sosa	aye
Sen. Javier D. Souto	aye		

The Chairperson thereupon declared the resolution duly passed and adopted this 1st day of July, 2008. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK



By: **Kay Sullivan**
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

GIBK

Geri Bonzon-Keenan

Memorandum



Date: July 1, 2008

To: Honorable Chairman Bruno A. Barreiro
and Members, Board of County Commissioners

**Supplement to
Agenda Item No. 5(L)**

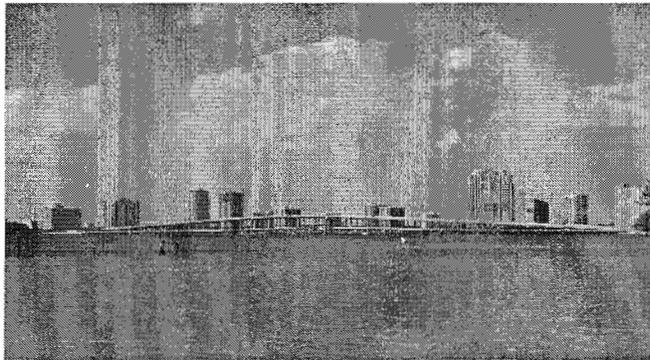
From: George M. Burgess
County Manager

A handwritten signature in black ink, appearing to read "G. Burgess", written over the printed name.

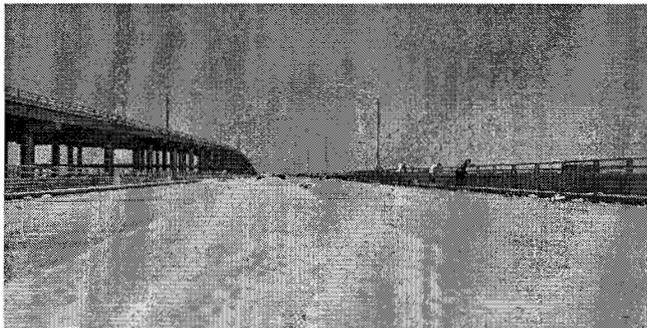
Subject: Supplemental Report: Proposed Plan of Action for Existing Fishing Piers Along the Rickenbacker Causeway

In accordance with the Board of County Commissioners' (BCC) request to present a proposed plan of action for the existing Rickenbacker Causeway Fishing Piers at the March 4, 2008 BCC meeting, the following report is provided.

The Rickenbacker Causeway, (unsigned SR 913), is named after Edward Rickenbacker, a former World War I pilot and prominent citizen. Its construction was completed in 1947 and it included 1.2 miles of bridges and 2.7 miles of roadway on fill. The Causeway is presently a toll road, owned and operated by Miami-Dade County that connects the City of Miami to the barrier islands of Virginia Key and Key Biscayne across Biscayne Bay and provides access to the residences of these barrier islands as well as to many facilities such as the Miami Seaquarium, the Rosenstiel School of Marine and Atmospheric Science, the Miami Marine Stadium and the Bill Baggs Cape Florida State Park.



View of Rickenbacker Fishing Piers



View of Rickenbacker West Fishing Pier

There are three (3) bridges along the Causeway that are open to vehicular traffic:

- 1- The West Bridge, located adjacent to the Causeway entrance Toll Plaza.
- 2- The new William Powell Bridge, a high level fixed bridge, built in 1985, that is 3,611 feet long and provides 76'-10" of vertical clearance over the Mean High Water elevation. This bridge was built adjacent to and replaced the Old William Powell Bridge, now commonly called the "Fishing Piers". Please refer to the pictures above.
- 3- The Bear Cut Bridge, located at the entrance to Key Biscayne.

The need for the replacement of the Old William Powell Bridge in 1985 was due to the deteriorated condition of the bridge. The center portion, which consisted of a movable bascule span, was removed and the fixed approaches were left in place. The bridge was closed to vehicular traffic and opened to the public to be used as fishing piers. These two (2) remaining approaches are commonly referred to as the East Fishing Pier and the West Fishing Pier.

Miami-Dade County Public Works Department (PWD) staff periodically inspects these facilities and as a result of these inspections and to insure the public's safety, the worst of the two (2) sections, the West Fishing Pier, was closed on August 1st, 2007. It is the purpose of this report to provide a recommended overall plan to continue to provide the public with a viable fishing facility.

Immediate Repairs to the East Fishing Pier:

Due to the necessity to maintain a fishing facility open to the public at all times and based on the deteriorated condition of the East Fishing Pier, PWD is recommending to repair this Pier as soon as possible. A Design Consultant is in the process of being selected in order to prepare construction documents for the Pier repairs. The Consultant selection is being done through the Equitable Distribution Program (EDP) in order to expedite this project. Furthermore, the PWD is proposing to use the CICC 7360 type of construction contract in order to reduce the time required to accomplish the work. A very preliminary cost estimate of the proposed repairs to the East Fishing Pier is approximately \$ 1.0 million.

Demolition of West Fishing Pier:

Concurrently with the aforementioned repair work, the PWD is proposing the complete demolition of the West Fishing Pier (superstructure and substructure). A preliminary cost estimate of the proposed demolition of the West Fishing Pier is approximately \$1.0 million. The use of a separate contract will allow the PWD to perform the demolition at the same time as the East Fishing Pier repairs, thus saving time and money.

In order to avoid impact to the residents who utilize the fishing pier, the needed repairs may be accomplished with limited partial closures of the pier for equipment and material delivery, since all of the work to be performed is under the surface of the deck.

Funding Strategy for the Repairs and Demolition Work:

The PWD has identified a total of \$2.1 million in Better Building Communities GOB funds that have been or are in the process of being transferred to this project (GOB Project No. 130a), through modifications to Project No. 130 and Project No. 134.

GOB Project No. 130 modifications

The original funding for the Bear Cut Fishing Catwalk Repairs was \$1,500,000. Because of the severity of deterioration, PWD is proposing to demolish and remove the fishing catwalk completely instead of rehabilitating it. The cost of the demolition of the Bear Cut Fishing Catwalk is \$400,000. The remaining \$1,100,000 is being made available for the repair or replacement of the Fishing Piers at Old William Powell Bridge. This item has already been approved by GOE and BCC (Resolution R-197-08).

GOB Project No. 134 modifications

The original funding for the Old Cutler Road Bridge over C-100 Canal is \$1,800,000. The PWD staff conducted an evaluation of the existing bridge geometry and determined that it meets current design standards and is currently in good structural condition. Therefore, PWD recommends that, elements of the bridge, roadway approaches and rehabilitation work identified by the Florida Department of Transportation (FDOT) inspection report be implemented instead of its entire replacement. The estimated cost for these repairs is \$800,000. The remaining \$1,000,000 is being made available for the repair or replacement of the Fishing Piers at Old William Powell Bridge, which is the subject of the accompanying agenda item, scheduled for the July 1, 2008 BCC meeting.

NEW FISHING PIER:

After the refurbishment of the East pier and the demolition of the West Pier are complete, a brand new Fishing Pier is proposed to be built at the same location of the demolished West Pier. The cost of the new Pier will depend on the type of structure selected, as well as its length and width. A very rough cost estimate based on a Pier length of approximately 300 feet is \$ 1.0 to 1.5 million. This could vary depending on the final new Pier configuration and desired amenities. This project will be programmed under the Causeway Capital Program once a more accurate estimate is developed.


Assistant County Manager