

PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

Meeting Date: May 17, 2022                     Consent                     Regular  
      Workshop                     Public Hearing

Department: Engineering and Public Works  
 Submitted By: Engineering and Public Works  
 Submitted For: Road and Bridge Division

I. EXECUTIVE BRIEF

**Motion and Title:** Staff recommends motion to approve:

- A) budget transfer of \$206,910 in the General Fund from Contingency Reserves to the County Transportation Trust Fund; and
- B) a budget amendment of \$206,910 in the County Transportation Trust Fund to recognize the transfer and appropriate it to Bridge Improvements/Major Repairs for the George Bush Boulevard Bascule Bridge (GBBBB),

**SUMMARY:** The GBBBB over the Intracoastal Waterway was originally built in 1949 and has been maintained and inspected on a regular basis for the last 72 years. During a bridge opening on March 3, 2022, one of the shafts sheared into two pieces, essentially leaving the GBBBB inoperable and unable to close. The GBBBB was closed for 57 days for repairs and was fully operational on April 29, 2022. The budget transfer and budget amendment are necessary to fund the emergency repairs for the GBBBB. RoadSafe Traffic Systems provided traffic control labor and devices. Hardesty & Hanover (H&H) provided expert bascule bridge inspection, analysis, and coordination, including installation of replacement bridge machinery components. Steward Machine Co., Inc., fabricated replacement parts, including shaft, bearing, and bolts. Due to the age and condition of the GBBBB, the Engineering Department and H&H recommend continuous monitoring of the two bascule leaves. Monitoring will be done by H&H, will include strain gauge testing and cursory inspection of the operating machinery, and a report documenting the results. The estimated cost per monitoring visit is \$3,000. The initial monitoring period will be bi-monthly, which may be reduced to monthly depending on how the GBBBB continues to operate. The estimated initial monitoring costs are \$72,000 per year. A written contract will be prepared to outline the terms and conditions for the required monitoring. Districts 4 and 7 (YBH)

**Background and Justification:** H&H, with County concurrence, engaged the following subcontractors to assist in H&H’s work scope: QC Laboratories for non-destructive testing of remaining bridge shaft assemblies for both leaves; and Seacoast, Inc., to install new machinery components and perform other adjustments to remaining bridge machinery components.

- Attachments:**
- 1. Budget Transfer
  - 2. Budget Amendment

Recommended By: David F. Reed                    5/16/2022  
     County Engineer                    Date

Approved By: Paul                    5/12/22  
     Assistant County Administrator                    Date

**II. FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

Fiscal Years	2022	2023	2024	2025	2026
Capital Expenditures	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Operating Costs	<u>\$206,910</u>	<u>\$72,000</u>	<u>\$72,000</u>	<u>\$72,000</u>	<u>\$72,000</u>
External Revenues	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Program Income (County)	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
In-Kind Match (County)	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
<b>NET FISCAL IMPACT</b>	<u><b>\$206,910</b></u>	<u><b>\$72,000</b></u>	<u><b>\$72,000</b></u>	<u><b>\$72,000</b></u>	<u><b>\$72,000</b></u>
# ADDITIONAL FTE POSITIONS (Cumulative)	_____	_____	_____	_____	_____

Is Item Included in Current Budget?    Yes    No    X

**Budget Account No:**

Fund 1201    Dept 363    Unit R008    Object 4606

**Recommended Sources of Funds/Summary of Fiscal Impact:**

General Fund  
Contingency Reserves

County Transportation Trust Fund  
Bridge Improvements/Major Repairs

**C. Departmental Fiscal Review:**



**III. REVIEW COMMENTS**

**A. OFMB Fiscal and/or Contract Dev. and Control Comments:**

*Lisa Mente* 5/11/22  
 5/11/22 OFMB At 5-16-22

*John G. Jacobson* 5/11/22  
 Contract Dev. and Control

**B. Approved as to Form and Legal Sufficiency:**

*[Signature]* 5/12/22  
 Assistant County Attorney

**C. Other Department Review:**

\_\_\_\_\_  
 Department Director

**This summary is not to be used as a basis for payment.**

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2022- \_\_\_\_\_

Page 1 of 1

**BOARD OF COUNTY COMMISSIONERS  
PALM BEACH COUNTY  
BUDGET Transfer**

FUND General Fund

BGEX 050922\*1313

ACCOUNT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED BUDGET	EXPENDED/ ENCUMBERED AS OF 5/9/22	REMAINING BALANCE
<b><u>TRANSFERS</u></b>								
0001-820-9100-9026	Tr To Co Trans Trust Fd 1201	22,401,358	22,401,358	206,910	0	22,608,268	9,800,594	12,807,674
<b><u>RESERVES</u></b>								
0001-820-9900-9901	Contingency Reserves	20,000,000	19,697,600	0	206,910	19,490,690		
				206,910	206,910			

Engineering & Public Works

Administration / Budget Approval

OFMB Department – Posted

SIGNATURE

\_\_\_\_\_  
*[Signature]*  
\_\_\_\_\_  
*[Signature]*  
\_\_\_\_\_

DATE

\_\_\_\_\_  
*5/9/22*  
\_\_\_\_\_  
*5/11/22*  
\_\_\_\_\_

By Board of County Commissioners  
At Meeting of May 17, 2022

\_\_\_\_\_  
Deputy Clerk to the  
Board of County Commissioners

Attachment 1

**BOARD OF COUNTY COMMISSIONERS  
PALM BEACH COUNTY  
BUDGET Amendment**

**FUND Transportation Trust Fund**

**BGRV 050922\*460**

**BGEX 050922\*1315**

ACCOUNT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED BUDGET	EXPENDED/ ENCUMBERED AS OF 05/9/2022	REMAINING BALANCE
<b>REVENUES</b>								
<b>County Trans Trust</b>								
1201-800-8006-8000	Transfer from General Fund 0001	22,401,358	22,401,358	206,910	0	22,608,268		
<b>TOTAL RECEIPTS &amp; BALANCES</b>		52,203,325	52,203,325	206,910	0	52,410,235		
<b>EXPENDITURES</b>								
<b>Bridge Improvements/Major Repairs</b>								
1201-363-R008-4606	Repair/Maint-Roads,Bridges,Row	232,000	232,000	206,910	0	438,910	195,169	243,741
<b>TOTAL APPROPRIATIONS &amp; EXPENDITURES</b>		52,203,325	52,203,325	206,910	0	52,410,235		

**SIGNATURE**

**DATE**

**By Board of County Commissioners  
At Meeting of May 17, 2022**

Engineering & Public Works

*[Signature]*

5/9/22

Administration / Budget Approval

*[Signature]*

5/11/22

OFMB Department – Posted

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**Deputy Clerk to the  
Board of County Commissioners**

ATTACHMENT 2