



Beckett Bridge Replacement

Tarpon Springs, FL

F. Financial Documents

Bridge Investment Program (BIP)
Grant Application

SEPTEMBER 2022

Contact

Pinellas County Board of County Commissioners

Mona R. Gabriel, P.E., CCM
mgabriel@pinellascounty.org
(727)464-3763



Public Works



August 26, 2022

Mona R. Gabriel, P.E. , CCM
Capital Improvements Division Director
Pinellas County Public Works
14 S. Ft. Harrison Ave., 4th Floor, Clearwater, FL 33756

RE: Beckett Bridge Replacement

Dear Mrs. Gabriel:

The Beckett Bridge is currently owned, operated, and maintained by the Pinellas County Public Works Transportation Roadway and Bridge Section. Operation funds are available and approved in the operations budget to maintain and operate the bridge. The bridge will remain a County asset following the bridge replacement. As such we are dedicated to continuing our obligation to operate and maintain the bridge.

I hope this information will be of assistance to you. If I may be of further assistance, please do not hesitate to contact me at (727) 464-8936.

Sincerely,

David Deranzio, P.E., LEED-AP
Section Manager Roadway and Bridge
Pinellas County Public Works

22211 U.S. Highway 19 North, Building 1
Clearwater, FL 33765
Phone (727) 464-8900
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Pinellas County

Master

File Number: 22-1140A

File ID: 22-1140A

Type: Contract/Agreement

Status: Regular Agenda

Version: 1

Agenda Section:

Department: Public Works

File Created: 06/27/2022

Subject:

Final Action:

Title: Bridge Investment Program grant application with the Federal Highway Administration for the replacement of Beckett Bridge in the City of Tarpon Springs.

Internal Notes: Chairman to sign Letter of Support, pg. 2

Agenda Date: 08/16/2022

Agenda Item Number: 17.

Sponsors:

Enactment Date:

Attachments: 17_22-1140A_BCC Letter of Support - Final_Protected, BCC Letter of Support - Final, Notice of Funding Opportunity, OMB Intent To Apply, Project Location Map

Enactment Number:

REF #: 001037A

Hearing Date:

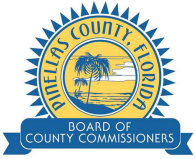
Drafter: jtarmstrong@pinellascounty.org

Effective Date:

Related Files:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	Board of County Commissioners	08/16/2022	approved				Pass
	Action Text: A motion was made by Commissioner Eggers, seconded by Commissioner Flowers, that the item be approved. The motion carried by the following vote:						
	Aye: 5 Chairman Justice, Vice-Chair Long, Commissioner Eggers, Commissioner Flowers, and Commissioner Gerard						
	Absent: 2 Commissioner Peters, and Commissioner Seel						



Pinellas County

Staff Report

File #: 22-1140A, **Version:** 1

Agenda Date: 8/16/2022

Subject:

Bridge Investment Program grant application with the Federal Highway Administration for the replacement of Beckett Bridge in the City of Tarpon Springs.

Recommended Action:

Approval to grant the County Administrator authority to sign the Bridge Investment Program grant application with the Federal Highway Administration for the replacement of Beckett Bridge in the City of Tarpon Springs.

- Existing Bridge has reduced capacity due to ongoing deterioration and is classified as structurally deficient and functionally obsolete.
- Proposed new bridge will meet all current safety standards and provide enhanced bicycle and pedestrian facilities.
- Requested grant funding is \$18,900,000.00 (90%); anticipated County match is \$2,100,000.00 (10%).
- County match will be funded through the Fiscal Year 2023-2025 Capital Improvement Program Local Infrastructure Sales Tax (Penny for Pinellas).
- Board of County Commissioners (BCC) Chairman to sign the letter of support.
- Request authority for the County Administrator to sign the application on behalf of the BCC.
- Application deadline is September 8, 2022.

County PID: 001037A; Total project cost approximately \$21,000,000.00, with anticipated grant funding received being \$18,900,000.00; Authorize the BCC Chairman to sign the related letter of support; Authorize the County Administrator to sign the grant application.

Strategic Plan:

Ensure Public Health, Safety, and Welfare

2.5 Enhance pedestrian and bicycle safety

Foster Continual Economic Growth and Vitality

4.4 Invest in infrastructure to meet current and future needs

4.5 Provide safe and effective transportation systems to support the efficient flow of motorists, commerce, and regional connectivity

Summary:

The BCC is authorizing the County Administrator to sign the grant application for the replacement of the Beckett Bridge in the City of Tarpon Springs due to time constraints. The application is currently being prepared by the County's consultant, WSP, Inc., with anticipated completion by mid-August, which is after the agenda deadline for next BCC meeting. The BCC is scheduled for the same day

the grant application is due to FHA. The final application will be provided through a future delegated Legistar item.

Grant funding will support the replacement of Beckett Bridge in Tarpon Springs. The existing bridge has reduced capacity due to ongoing deterioration and is classified as structurally deficient and functionally obsolete. The Bridge is currently posted for legal loads limited to 12-ton single unit trucks and 15-ton combination trucks. The Bridge is founded on karst subsurface conditions with a portion of the Bridge, including the bascule span and one approach span, located over a relict sinkhole. The foundations have a long history of vertical settlement and horizontal movement requiring major repairs. The continued settlement and movement require frequent monitoring, surveying inspections and maintenance.

Recent reevaluation (June 2021) of the Bridge condition resulted in the National Bridge Inventory (NBI) rating substructure rating dropping from 6 (satisfactory condition) to 4 (poor condition) on a scale from 0 to 9. This reduction in rating will result in a Sufficiency Rating of 18.1 compared to 48.3 on a scale of 0-100. (Sufficiency Rating is a tool used by the Federal Highway Administration when allocating federal funds for bridge replacement). There are no shoulders on the Bridge. Bridge railings do not meet current standards for pedestrian safety or geometric and crash testing safety standards for vehicles. Approach guardrail and transitions and end treatments also do not meet current safety standards. Sidewalks on the bridge are only 2'2" wide and do not meet Americans with Disabilities Act requirements.

The proposed new Bridge will meet all current safety standards, provide enhanced bicycle and pedestrian facilities, and eliminate the need for frequent repair.

Background Information:

Beckett Bridge connects areas west and north of the Whitcomb Bayou to downtown Tarpon Springs. Riverside Drive is an extension of Tarpon Avenue which is a designated hurricane evacuation route. Beckett Bridge provides access to major north/south arterials including Alternative U.S. 19 and U.S. 19 for coastal residents during hurricane evacuation. The bridge also provides access for emergency vehicles, including police, ambulance, and fire.

A total of \$2.36 billion BIP funds were made available through the FHWA, a division of the U.S. Department of Transportation (USDOT) that specializes in highway transportation. Funding will be granted to selected projects that involve bridge replacement, rehabilitation, preservation, and protection. The deadline for the grant application to be submitted is September 8, 2022.

Fiscal Impact:

The total cost of the project is approximately \$21,000,000.00. Requested BIP funding is \$18,900,000.00 (90%). The anticipated County match is \$2,100,000.00 (10%). The local match will be funded through the FY 2023-2025 Capital Improvement Program.

The Beckett Bridge replacement project is currently reflected in the proposed budget as primarily Local Infrastructure Sales Tax (Penny for Pinellas) funded.

Staff Member Responsible:

Kelli Hammer Levy, Director, Public Works

Partners:

USDOT

FHWA

City of Tarpon Springs

Attachments:

BCC Letter of Support

Notice of Funding Opportunity

OMB Intent to Apply

Project Location Map

**Pinellas County Capital Improvement Program
Project Budget Detail Report**

Function: Transportation Activity: Road & Street Facilities

Project: 001037A Beckett Bridge Replacement

Description: Design and construction of Beckett Bridge replacement after PD&E is completed.

Start : 01-OCT-13 Finish : 30-SEP-25

Project Classifications:

2017 Penny List Project	This project was identified on the 2017 Penny Projects and Categories list published during the 2017 Penny IV Education Campaign
CIE Elements	Transportation/Transportation Systems
CIP Phase	Design
Location	Tarpon Springs
Penny Program	Roads, Bridges & Trails

Budget			Current Year Estimate 2022	2023	2024	2025	2026	2027	2028	Total
Fund: 3001	Capital Projects	Center: 414100	CIP-Transportation	Program: 3031	Bridges-Repair & Improvement					
010.1	Acq-Penny		50,000	281,000	0	0	0	0	0	331,000
020.1	Design-Penny		450,000	0	100,000	100,000	0	0	0	650,000
020.6	Design-IF		109,000	119,000	0	0	0	0	0	228,000
030.1	Constr-Penny		0	3,000,000	12,000,000	3,000,000	0	0	0	18,000,000
Project Total for : Fund: 3001 Capital Projects			Center: 414100	CIP-Transportation	Program: 3031	Bridges-Repair & Improvement				
			609,000	3,400,000	12,100,000	3,100,000	0	0	0	19,209,000
Total for Project: 001037A			609,000	3,400,000	12,100,000	3,100,000	0	0	0	19,209,000
Funding Source										
	Impact Fees		109,000	119,000	0	0	0	0	0	228,000
	Penny for Pinellas		500,000	3,281,000	12,100,000	3,100,000	0	0	0	18,981,000
	Funding Total:		609,000	3,400,000	12,100,000	3,100,000	0	0	0	19,209,000