



Dunedin Causeway Bridge Project Development

Dunedin, 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: Dunedin Bridge Replacement

Dear Mrs. Gabriel:

The Dunedin Causeway 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: 22-1230A

File ID: 22-1230A

Type: Contract/Agreement

Status: Regular Agenda

Version: 1

**Agenda
Section:**

Department: Public Works

File Created: 07/12/2022

Subject:

Final Action:

Title: Bridge Investment Program grant application with the Federal Highway Administration for design fees for the replacement of the Dunedin Causeway Bridges.

Internal Notes: Chairman to sign Letter of Support

Agenda Date: 08/16/2022

Agenda Item Number: 16.

Sponsors:

Enactment Date:

Attachments: 16_22-1230A_BCC Letter of Support_Protected, BCC Letter of Support, Notice of Funding Opportunity, OMB Approval, Project Location Map, 000423A_ProposedBudget, OMB_CONTRACT.RVW-PW-TRS-DundinCausewayBridge_20JUL2022

Enactment Number:

REF #:

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 Gerard, seconded by Commissioner Eggers, 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 #: 22-1230A, **Version:** 1

Agenda Date: 8/16/2022

Subject:

Bridge Investment Program grant application with the Federal Highway Administration for design fees for the replacement of the Dunedin Causeway Bridges.

Recommended Action:

Approval to grant the County Administrator authority to sign the Bridge Investment Program grant application with the Federal Highway Administration (FHA) for design fees for the replacement of the Dunedin Causeway Bridges.

- Grant funding request is for design fees only for the replacement of the Dunedin Causeway Bridges
- Proposed new bridges will meet all current safety standards and provide enhanced bicycle and pedestrian facilities.
- Requested grant funding is \$4,500,000.00 (73.8%); anticipated County match is \$1,600,000.00 (26.2%).
- 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.

PID 000423A; Total design cost is approximately \$6,100,000.00, with grant funding requested in the amount of \$4,500,000.00; 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 design for the replacement of the Dunedin Causeway Bridges 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 the next BCC meeting. The next BCC Meeting is scheduled for the same day the grant application is due to FHA. The final application will be provided through a

future delegated item.

Grant funding will support design fees for the replacement of the Dunedin Causeway bridges in anticipation for construction that is to begin in FY 2025-2026.

The proposed new bridges will meet all current safety standards, increase capacity, provide enhanced bicycle and pedestrian facilities, and eliminate the need for frequent repairs. Aging machinery and electrical equipment of the bridges has required ongoing and increasingly intensive intervention to keep the bridges in operation. This project renews infrastructure which is at the end of its useful life and has significant citizen impacts.

The Dunedin Causeway bridges are the only access connecting the City of Dunedin to Honeymoon Island State Park, businesses, and residential communities. Both bridges were constructed in 1963 and are considered "functionally obsolete" because of their narrow width. According to a 2015 Florida Department of Transportation Bridge Inspection Report, the main bascule bridge contains fractured critical components and is considered scour critical. It has a sufficiency rating of 48.6 out of 100. There are no shoulders on the bridges, and the sidewalks on the north side are only 3 ½ feet wide. The multi-use path on the south side of the bridge is only 6 feet wide. Both the main and tide relief bridges do not meet current engineering standards for resisting damage from high waves during significant storm events and vessel impacts. Ongoing maintenance and repair of the main (bascule) bridge machinery also affects reliability, and results in traffic delays. Major rehabilitation or replacement of both bridges is needed to keep the bridges open, and the main (bascule) bridge operating efficiently.

Background Information:

The Dunedin Causeway bridges are located on Causeway Boulevard in the City of Dunedin. The two-point five (2.5) mile stretch crosses St. Joseph Sound, a part of the Gulf Intracoastal Waterway connecting the mainland of the City of Dunedin from SR 595 (Alternate US 19) to businesses, residential living areas, and the entrance of Honeymoon Island State Park and its barrier islands.

A total of \$2.36 billion BIP funds were made available through 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 design cost of the Dunedin Causeway Bridges is approximately \$6,100,000.00. Requested BIP funding is \$4,500,000.00 (73.8%); anticipated County match is \$1,600,000.00 (26.2%).

The Dunedin Causeway Bridges project 000423A is currently reflected in the proposed budget funded by the Local Infrastructure Sales Surtax (Penny for Pinellas) and will provide the local match.

Staff Member Responsible:

Kelli Hammer Levy, Director, Public Works

Partners:

USDOT

FWHA

City of Dunedin

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: 000423A Dunedin Causeway Bridge Project

Description: Design and construction of the Dunedin Causeway Bascule Bridge and Tide Relief Bridge, and associated roadway design for Causeway Boulevard

Start : 01-OCT-11 Finish : 30-SEP-28

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	Dunedin
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						
020.1	Design-Penny		0		250,000	2,600,000	2,600,000	326,000	135,000	200,000	6,111,000
030.1	Construct-Prelim Est		0		0	0	13,300,000	16,900,000	13,900,000	1,433,000	45,533,000
Project Total for : Fund: 3001		Capital Projects	Center: 414100	CIP-Transportation	Program: 3031	Bridges-Repair & Improvement					
			0		250,000	2,600,000	15,900,000	17,226,000	14,035,000	1,633,000	51,644,000
Total for Project: 000423A			0		250,000	2,600,000	15,900,000	17,226,000	14,035,000	1,633,000	51,644,000
Funding Source											
Penny for Pinellas			0		250,000	2,600,000	15,900,000	17,226,000	14,035,000	1,633,000	51,644,000
Funding Total:			0		250,000	2,600,000	15,900,000	17,226,000	14,035,000	1,633,000	51,644,000