



MEMORANDUM TO VENICE CITY COUNCIL

THROUGH CHARTER OFFICER: Edward Lavalley, City Manager **E-SIGN:**
FROM: Kathleen Weeden, City Engineer
DEPARTMENT: Engineering/Stormwater

DATE: April 1, 2024

MEETING DATE: April 5, 2024

SUBJECT / TOPIC: Allocation \$200,000 in FY2025 Budget for Flamingo Ditch Feasibility Study

BACKGROUND INFORMATION: A comprehensive presentation was provided to City Council at the March 26, 2024, City Council meeting. Staff had an opportunity to meet with one of our coastal engineers this morning and the following two-phased approach, with the initial phase consisting of a feasibility study appears to be a viable option. The feasibility study would be conducted to assess potential solutions to determine if any one solution, or a combination thereof, has the potential to reduce and/or stop the flooding within and on the roadways and property surrounding the existing Flamingo Drainage Ditch. The results of the feasibility study will provide a cursory look at potential solutions to assess the coastal and stormwater runoff issues that are impacting residents along Flamingo Ditch.

Potential solutions will focus on the following categories and may include:

1. Inland stormwater improvements to reduce inflow to the Flamingo Ditch
2. Dune restoration that limits/reduces the frequency of overtopping from coastal storm events
3. Topographical improvements that would increase the storage capacity of Flamingo Drainage Ditch (i.e. increasing the elevation of surrounding roads)
4. Outfall relocation feasibility
5. Any other idea that may be discovered while assessing other solutions

The consultant would evaluate existing models and data currently available. The proposed feasibility study intent would be to inform the City and residents on potential solutions that may exist or have not been considered previously, with the understanding that there will be no detailed engineering design involved. The alternatives will be evaluated at a conceptual level with high level costs.

SUPPORTS STRATEGIC PLAN: Goal Four: Upgrade and Maintain City Infrastructure and Facilities

COUNCIL ACTION REQUESTED: Allocate \$200,000 from Stormwater Enterprise Fund 480 in Fiscal Year 2025 Budget to Hire a Consultant for an Initial Flamingo Ditch Outfall Evaluation.

Yes N/A

 Document(s) Reviewed for ADA compliance (required if for agenda posting)

 City Attorney Reviewed/Approval

 Risk Management Review

 Finance Department Review/Approval

Funds Availability (account number): Stormwater Enterprise Fund 480