

Agenda Item: 3.d

Meeting Date: September 17, 2026

MEMORANDUM

To: City Commission

Through: Jennifer K. Bramley, City Manager

From: Sue Bartlett

Date: 2026-09-10

Subject: Presentation for Approval of the City of Dunedin Comprehensive Vulnerability Assessment and Adaptation Plan

Presenter(s): Michelle Montecarlo, Assistant Public Works Director; Meaghan McCormack, Environmental Program Manager; Nabil Bawany, WSP; and Danielle Curri, WSP

Staff Recommendation: Commission approval of the City of Dunedin Comprehensive Vulnerability Assessment and Adaptation Plan.

Strategic Themes: Environmental Resiliency

Boards & Committees: Stormwater Advisory Committee

Budget Impact: Funds for this project are available in the Stormwater Fund, in Acct. #443-5300-538-053110-SU. The total project expenses of \$400,950, reimbursable via FDEP Grant Agreement 24PLN10.

Past Action:

- 1.) December 18th, 2023 - Staff received a notice of award for the City of Dunedin's Comprehensive Vulnerability Assessment, in the amount of \$380,950, from the Fiscal Year 23-24 Resilient Florida Program Planning Grant Awards;
- 2.) April 30th, 2024 - Staff recommended the Commission authorize the City Manager to Execute Standard Agreement 24PLN10 with the FDEP for a \$380,950 Grant for the City of Dunedin Comprehensive Vulnerability Assessment, (Exhibit A - Agenda Item #3.b);
- 3.) April 3rd, 2026 - Amendment No. 2 to agreement No. 24PLN10 executed, providing for an additional \$20,000 in funding, for a total of \$400,950;
- 4.) August 22nd, 2024 & June 9th, 2025 - Public outreach meetings were held; and
- 5.) May 6th, 2024, January 9th, 2025, May 27th, 2025, and March 24th, 2026 - Steering Committee meetings held between City staff and consultants from WSP.

Next Action: Submit final deliverables to FDEP for approval; and subsequently submit remaining reimbursement request.

Attachments: [A. City Commission Work Session \(04-30-24\) - \[Agenda Item #3.b\].pdf](#)
[B. City of Dunedin Comprehensive Vulnerability Assessment.pdf](#)
[C. City of Dunedin Adaptation Plan Draft.pdf](#)
[D. City of Dunedin Vulnerability Assessment and Adaptation Plan Commission Meeting Presentation Sept 17 2026.pdf](#)

Background: On December 18th, 2023, staff received a notice of award for the City of Dunedin Comprehensive Vulnerability Assessment, in the amount of \$380,950, from the Fiscal Year 23-24 Resilient Florida Program Planning Grant Awards. The costs are reimbursable through FDEP via Grant Agreement 24PLN10. Amendment No. 2 to agreement No. 24PLN10, executed on April 3rd, 2026, provides an additional \$20,000, for a grand total of \$400,950.

Under this grant agreement, the City was required to complete a comprehensive Vulnerability Assessment (VA) pursuant to Section. 380.093, Florida Statutes (F.S.) and Adaption Plan (AP). This VA, (Exhibit B), is a comprehensive evaluation and analysis of the potential risks of coastal impacts of rainfall, tidal flooding, storm surge, and sea level rise. The project included extensive data gathering and collection, exposure and sensitivity analyses, public meetings, stake holder engagement, and an Adaptation plan. Public outreach meetings were held on August 22nd, 2024, and June 9th, 2025. Steering Committee meetings between City staff and consultants from WSP were held on May 6th, 2024, January 9th, 2025, May 27th, 2025, and March 24th, 2026.

The Adaptation plan, (Exhibit C), is consistent with the Florida Adaptation Planning Guidebook and includes areawide adaptation strategies, facility level strategies, policy strategies, and recommendations to incorporate resilience. This Vulnerability Assessment and Adaptation Plan provides valuable information for staff and the community to prioritize adaptation efforts, allocate resources effectively, and develop strategies to minimize flooding risks and enhance resilience in our coastal City facing the challenges of rising sea levels, tidal flooding, storm surge, and rainfall. The completion of this VA and AP unlocks opportunities for implementation funding.

As such, staff hereby recommends Commission approval of the City of Dunedin Comprehensive Vulnerability Assessment and Adaptation Plan, as described herein.