AGENDA ITEM COVERSHEET

PREPARED BY:	Jeremy Hardison, Community Development Director	**DEPARTMENT:**	Community Development
MEETING:	Town Council – November 10, 2026		
SUBJECT:	Resolution Supporting the Phase 3 Resilient Coastal Communities Program Grant Application – Carolina Beach Lake		

BACKGROUND:

The Town of Carolina Beach is participating in the North Carolina Resilient Coastal Communities Program (RCCP), administered by the North Carolina Department of Environmental Quality (NCDEQ), Division of Coastal Management. The program assists coastal communities in identifying vulnerabilities to coastal hazards, developing resilience strategies, and advancing projects that reduce flooding and improve long-term community resilience.

Through the RCCP planning process, the Town has completed a risk and vulnerability assessment and has been working to identify potential projects and strategies to address flooding, stormwater management, and other coastal hazards.

Carolina Beach Lake is an important component of the Town's stormwater management system and provides recreational and environmental benefits to the community. The lake and surrounding drainage areas have experienced flooding and stormwater management challenges that warrant further evaluation.

Proposed Project

Staff is proposing to submit an application for Phase 3 RCCP funding to evaluate and design improvements to Carolina Beach Lake that incorporate nature-based solutions to improve flood resilience, stormwater management, and environmental conditions.

The proposed project would focus on evaluating opportunities to improve the lake's stormwater storage and management capabilities while incorporating natural systems that provide additional environmental benefits.

Potential improvements to be evaluated may include:

- Wetland restoration or enhancement within and around Carolina Beach Lake.

- Vegetated shoreline buffers and other natural shoreline stabilization measures.
- Green infrastructure and natural stormwater treatment systems.
- Improvements to stormwater storage and water quality.
- Evaluation of sediment accumulation and its impacts on lake capacity, drainage, and ecological conditions.
- Other nature-based or hybrid solutions that improve flood resilience and the lake's environmental function.

The specific improvements would be determined through engineering analysis, feasibility assessments, environmental review, and coordination with applicable regulatory agencies.

Phase 3 of the RCCP provides funding to advance identified resilience projects through engineering and design. This phase is intended to move projects from the planning stage toward implementation and position communities to pursue future construction funding.

The RCCP Phase 3 grant does not require a local matching contribution under the current program guidance.

Recommended Motion

Attachments

1. Resolution No. 26-2362 – Supporting the RCCP Phase 3 Grant Application for Carolina Beach Lake.

ACTION REQUESTED:

Adopt the consent agenda.

RECOMMENDED MOTION:

Adopt Resolution No. 26-2362 supporting the Town of Carolina Beach's application for Phase 3 funding through the North Carolina Resilient Coastal Communities Program for the Carolina Beach Lake Resilience and Nature-Based Solutions Project and authorizing the Town Manager to submit the grant application.