

Flood Prevention Bond Referendum Oversight Board Meeting Minutes

July 10, 2025, 2:00 pm- 3:30 pm

Economic Development, Boardroom B
4525 Main Street, Suite 700
Virginia Beach, VA 23462

Board Members Present

Jeffrey S. Waller, PE, Scott Miller, Usha Eleswarapu, Jimmy McCune, Allison Hammer, Emily Steinhilber

Board Members Absent

Ryan Radspinner, PE

Student Members Absent

John L'Heureux, Pahan Jayarathna

City Council Present

Robert W. "Worth" Remick

City Staff Present

Diamond Royster – Assistant City Attorney

Anna Harwood – Intern, City Attorney's Office

Mike Tippin, PE – Public Works, Stormwater Engineering Center Administrator

Toni Utterback, PE – Public Works, City Engineer

D'Juan Tucker – Public Works, Administrative Assistant

Public Attendees

Venkat Eleswarapu



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VIRGINIA BEACH FLOOD PROTECTION PROGRAM

The July 10, 2025, Public Hearing Meeting for the Virginia Beach Flood Prevention Bond Referendum Oversight Board was called to order by board chairman Jeffrey Waller at 2:00 PM. D’Juan Tucker then took roll call.

Minutes of July 10, 2025

Upon motion by Scott Miller, the July 10, 2025, Minutes were approved.

Vote: 4-0

Members voting Aye:

Jeffrey Waller, Usha Eleswarapu, Scott Miller, Allison Hammer

Members Absent:

Ryan Radspinner

Members Abstain:

Emily Steinhilber, Jimmy McCune

Staff Reports

- Notice to proceed was issued at Chubb Lake
- Bids opened for Elizabeth River wetland and floodplain restoration
- Noth Lake Holly 1C bid came in at \$3.3 million which was less than the engineers estimate of \$3.9 million.
- \$7 million grant from the Community Flood Preparedness Program for Bow Creek phase 2 was awarded. Which was the maximum award possible.
- Total grants received is \$73 million.

PCSWMM Master Model

- The stormwater master model is the foundation of the work being done.
- The SWMM shows all the pipe sizes, pump stations and tide gates across the board.
- The stormwater master model has had a tremendous evolution.
- In 2015 the survey crew started going out and surveying structures.
- A comprehensive model now has nearly 36,000 nodes and 53,000 conduits.
- The model includes various drainage systems and is calibrated using real flood data to ensure accuracy.
- A new version of the model is being developed to include smaller pipes for greater detail.
- Since 2020 the city has received approximately 333 model requests from developers.



- These models are necessary for projects exceeding 20,000 square feet of impervious area, and developers must submit a list of changes made to the model for review.
- These requests typically come from public and private development projects, not individual homeowners.

Future Construction and Site visits

- Eastern Shore Drive will begin in late December or early January, offering a variety of projects to observe.
- Elizabeth River project is out for bid with work expected to start next year.
- It was proposed to visit sites where new drains and road work are being completed to better understand the project's scope.
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Key questions proposed by board members

- What is the estimated cost for the Lake Bradford and Chubb Lake Projects?
- Are there any sites available to observe ongoing construction projects?
- What is the timeline for the completion of the South Plaza Trail Project?
- What is the timeline for the Elizabeth River project to begin construction?
- What are the specific projects that will be completed in the upcoming year?

Board chair Jeff Waller adjourned the meeting at 3:23 PM.



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