

# Project Updates for Belville's Commissioners Meeting

December 2024

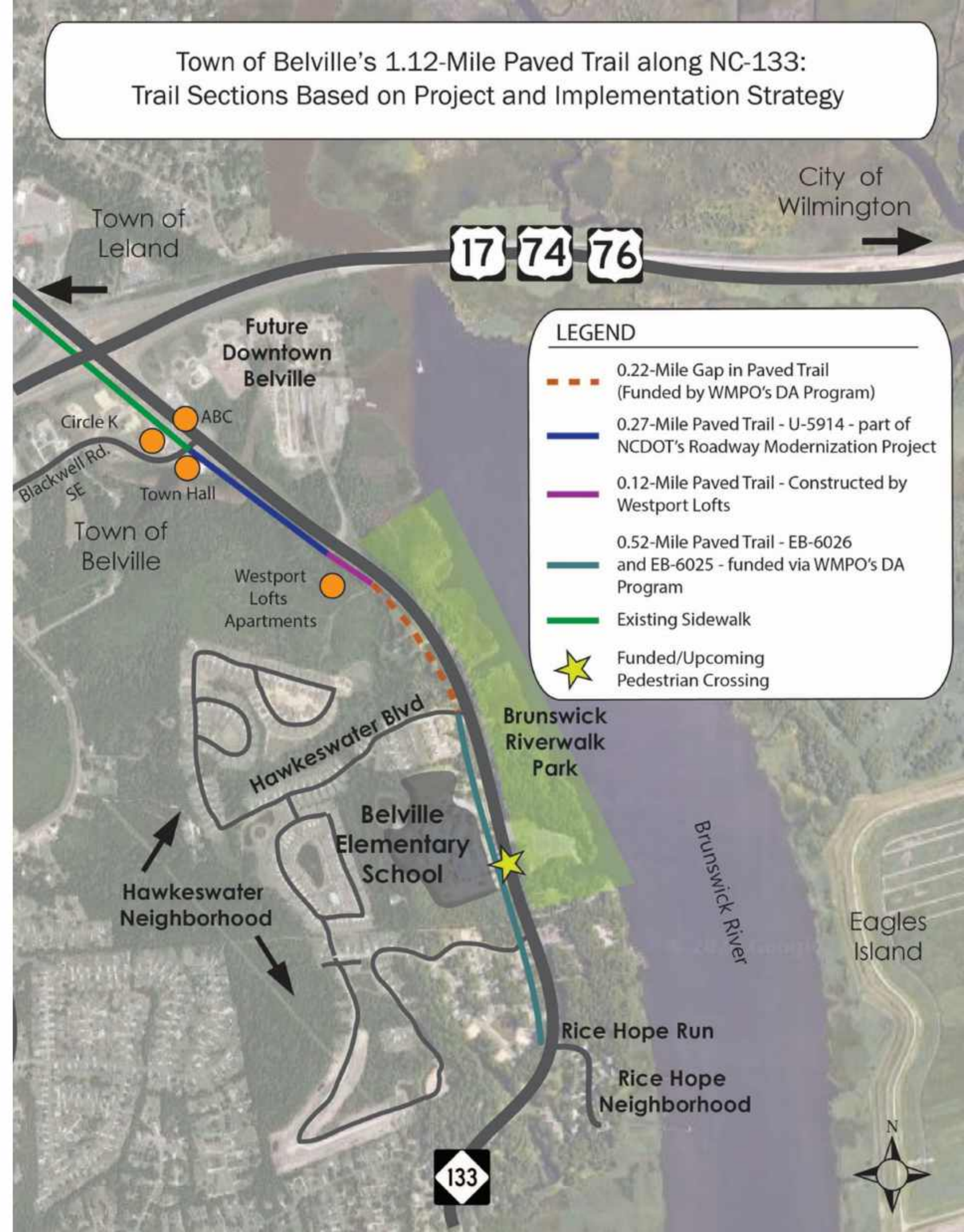


# Ongoing Projects

- Multi-Use Path Along NC-133
- Stormwater Feasibility Study
- Stormwater Projects
- Riverwalk Extension
- New Project: NC 133 Crossing Project
- NC 133 Road Closure in Brunswick County

# Multi-Use Paths Along NC-133

- Construction began June 3, 2024
- Working through utility coordination
- Discussions about lighting options
- Water fountain and signage have been delivered
- The WMPO awarded the Town \$720,000 to fill the gap in the trail between Westport Lofts and the trail under construction in front of Belville Elementary School.



# Stormwater Feasibility Study



Kick off meeting was 1/5/2024



Previous studies and documents have been sent to WithersRavenel



The workplan is being drafted now



Site Visit was held February 8th and November 1st



Preliminary findings have been presented to Town staff and are currently under review.



Public outreach period has ended



Areas of Concern for preliminary concepts are currently underway

## Next Steps:

- Identify focus areas for concept design
- Develop proposed improvements and present to Town staff
- Review of all potential grant/loan opportunities
- Estimated study completion date: July 2025

# Stormwater Project

## Stormwater Infrastructure Improvements: E. Wood Lane and Two Pine Road

### Pond west of E. Wood Lane:

- Appears to have been placed and designed poorly with no designed inlet or outlet control structure.
- Water sits in pond, fills up, then overflows.
- Elevations around pond don't allow it to drain efficiently or access the pipes along roadways

### East of E. Wood Lane behind properties along River Birch Ridge Ct. and Burning Bush Ridge Ct.:

- Significant amount of water sits in the wooded area between E Wood Ln and the backyards of the properties along River Birch Ridge Ct.
- There have been significant amounts of standing water within the yards, especially at 10191 Chappell Loop Rd SE

Next Steps: Gather engineering cost estimates, review potential grant funding sources



# Riverwalk Extension Project

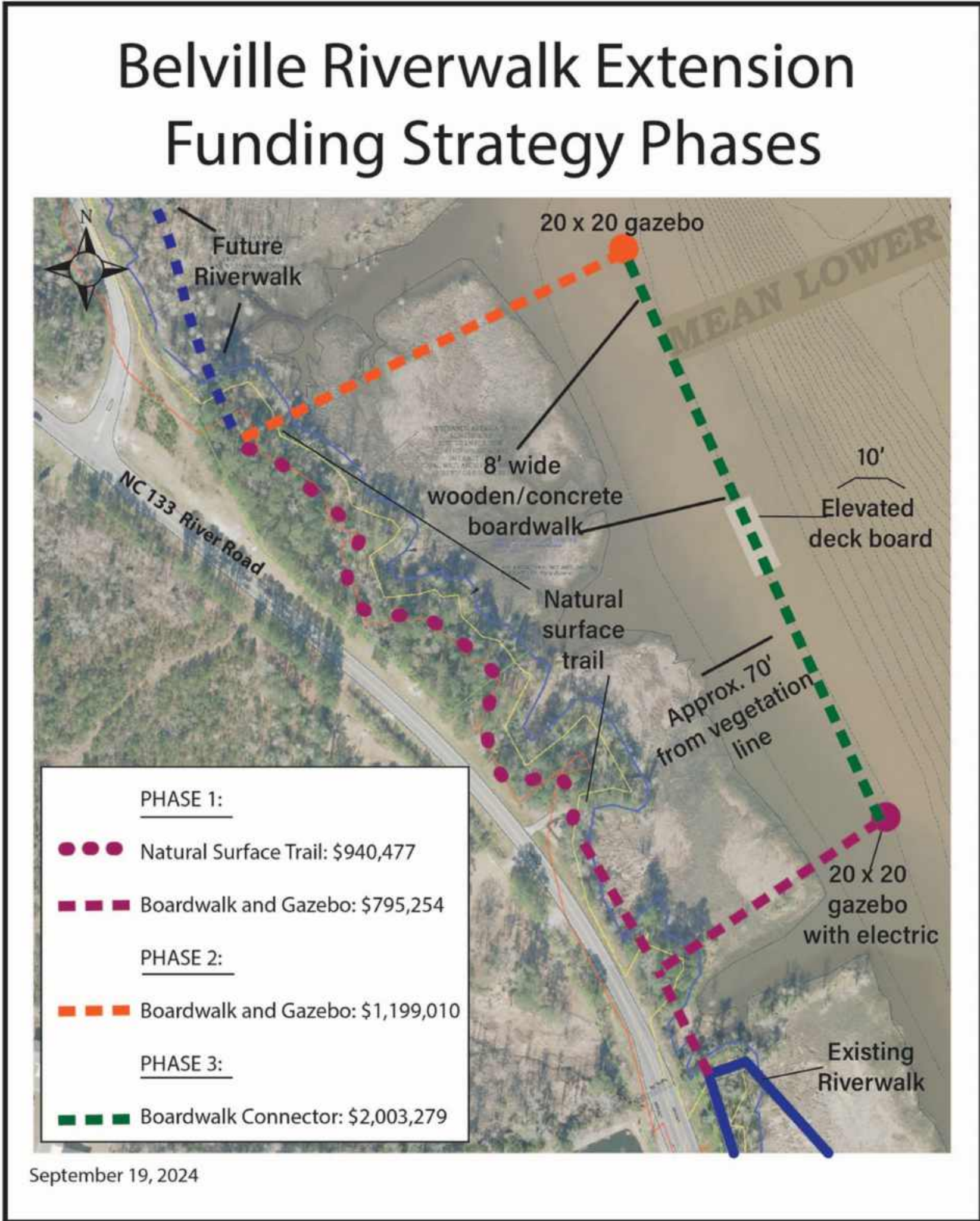
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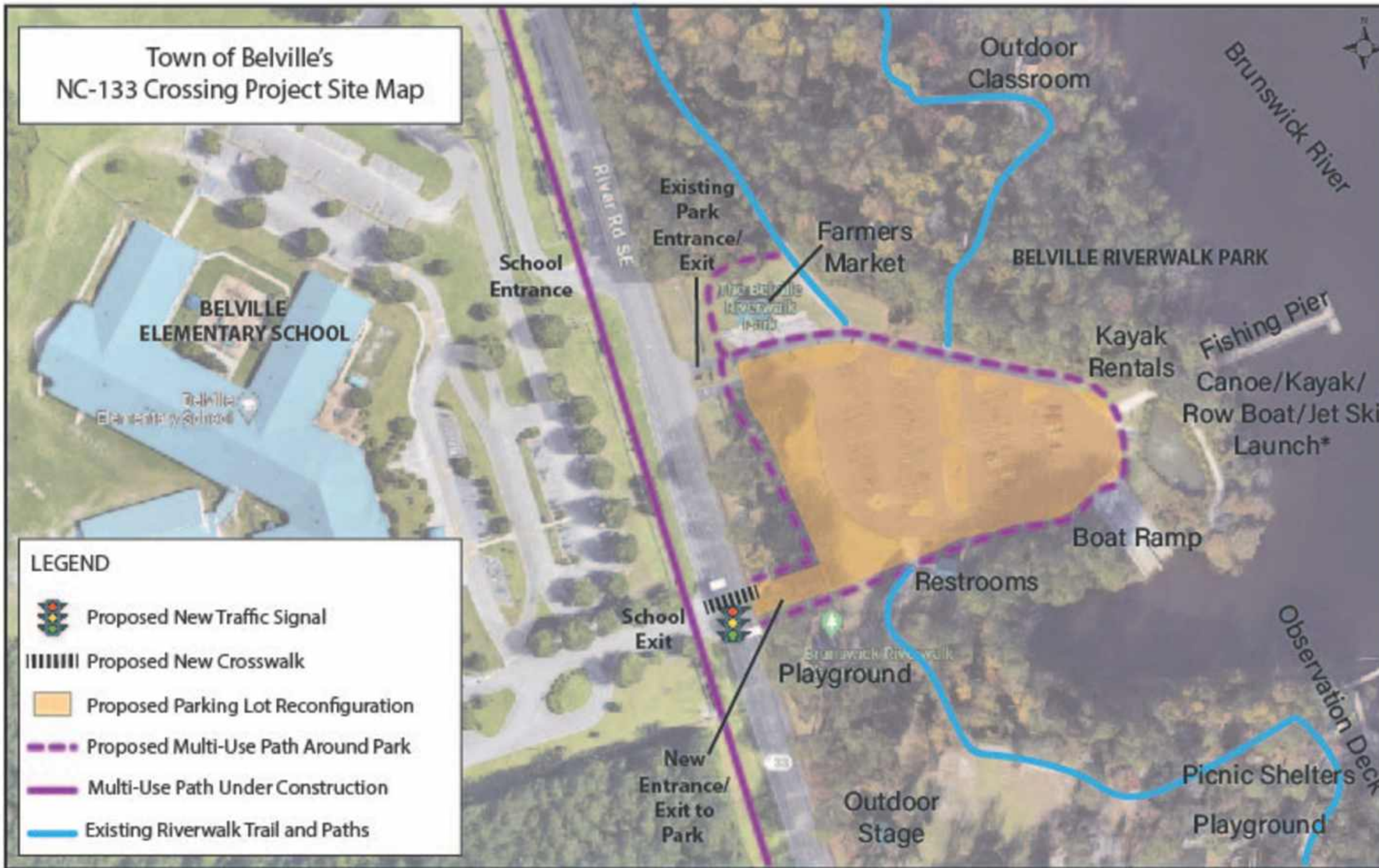
- Permit ready plans completed: August 2024
- Coordinating with NCDOT and submitting for encroachments: September 2024
- CAMA and other permits completed: December 2024
  - CAMA Major completed as of 12/10/2024
  - Temporary construction driveway permit: Pending
  - Stormwater permit: Pending
- Draft construction bid documents: December 2024/January 2025
- Final 100% plans completed: January 2025
- Go out to bid for construction: February 2025
- Construction: May 2025



# Belville Riverwalk Extension Cost Estimates and Funding Strategy Phases

- Phase 1 Total Cost: \$1,735,731
  - Natural surface trail and small boardwalk piece: \$940,477
  - Southern riverwalk over the water with one gazebo: \$795,254
  
- Phase 2 Total Cost: \$1,199,010
  - Northern riverwalk over the water with one gazebo
  
- Phase 3 Total Cost: \$2,003,279
  - Connector riverwalk between the two gazebos





# NEW PROJECT: NC-133 Crossing Project

- New traffic signal with crosswalks at school exit
- Relocate entrance to the park from existing location to across from school exit
- Redesign park parking lot to maximize number of parking spaces available
- Funded through WMPO grant with 80/20 cost share
- Current cost estimate: \$1.5 million
- Project status:
  - Waiting on NCDOT signature on agreement, then we can solicit engineering services



# NC-133 Closed Near Funston Road October 2024 – August 2025

- Half-mile stretch will be closed.
- Detour will route drivers to NC 87 through Boiling Springs Lakes.
- NCDOT is constructing a 33.5 foot-wide and 388 foot-long bridge over the creek along NC-133 near Funston Road. This will replace existing pipes and create a new bridge.

