



BROOKVILLE BOULEVARD FLOOD MITIGATION STUDY PROJECT MEETING

Presented to

Community Board 13 –
Transportation Committee

Date

June 12, 2025

akrf

AGENDA

- Introductions
- Project Schedule & Scope
- Project Concepts & Alternatives
- Community Engagement
- Q/A – Discussion



INTRODUCTIONS

Agency Client Team



Lead Agency



NYC Parks

Partner Agency

Stakeholder Agencies



FEMA



INTRODUCTIONS

Consultant Team



The AKRF Team – Built to Manage All Project Services

OVERALL PROGRAM SCHEDULE

Typical Project Process



ALTERNATIVES ANALYSIS

Current phase of project; aimed at identifying concepts to advance into Environmental Review and Design. (This effort is currently funded.)

ENVIRONMENTAL REVIEW

NYC DOT undertakes an Environmental Review to examine potential impacts of feasible alternatives and choose a Preferred Alternative to advance to Design

DESIGN

NYC DOT selects a team to refine and finalize the selected Flood Mitigation Design

CONSTRUCTION

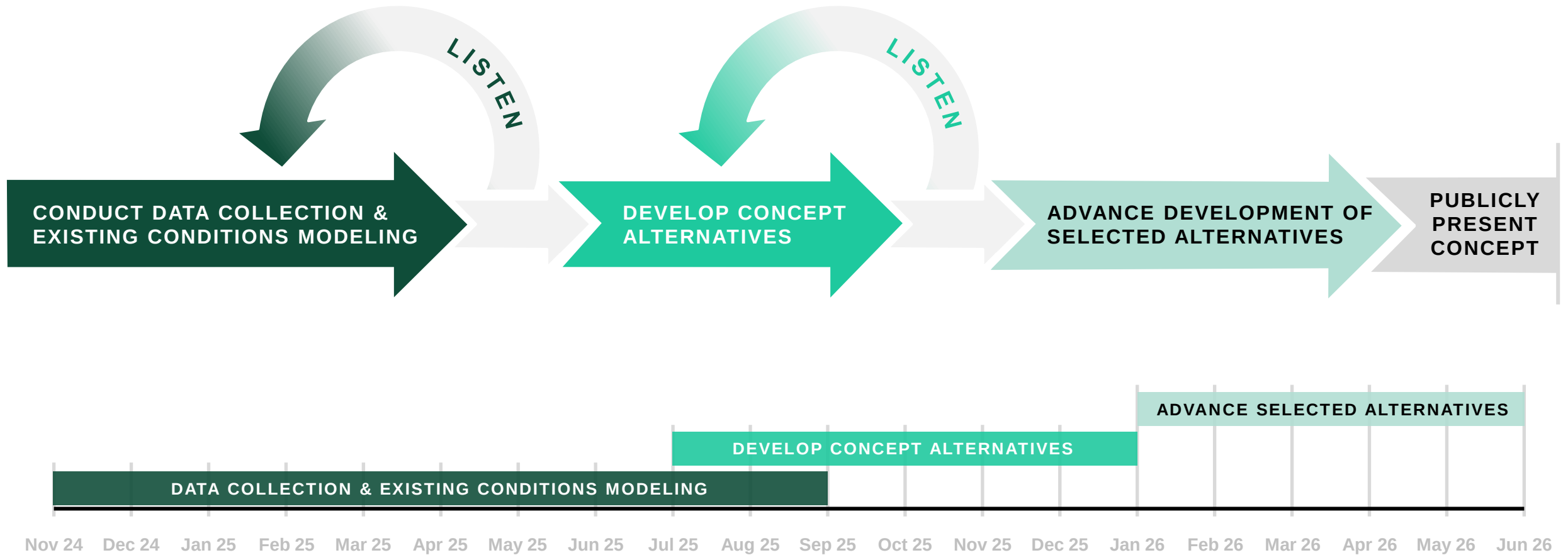
NYC DOT uses the finalized design and selects a construction team to build the selected Flood Mitigation Solution

FUTURE PHASES

Additional funding required

PROJECT SCHEDULE & SCOPE

Project Development Process



PROJECT SCHEDULE & SCOPE

Project Timeline

TASK	DESCRIPTION	Q4 2024		Q1 2025			Q2 2025			Q3 2025			Q4 2025			Q1 2026			Q2 2026		
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Data Collection																				
1.1	Project Identification/Feasibility						◆														
1.2	New Surveys								◆			◆									
1.3	Traffic Study									◆											
2	Climate Change Resiliency Assessment																				
2.1	Hydraulic and Hydrologic Modeling										◆										
2.2	Climate Scenario Modeling										◆										
3	Flood Mitigation Alternatives																				
3.1	Concepts Along Snake Road's Alignment														◆						
3.2	Concepts to Shorten Snake Road														◆						
3.3	Schematic Geometric Design																		◆		
4	Final Report																				◆
6	Project Management																				

◆ Technical Memo Deliverable

- **Overall Project Duration: 20 months**
- **14 Months to Completion of Study (Concept Chosen)**

PROJECT SCHEDULE & SCOPE

Current Work – Anticipated Start Dates

In-Progress Tasks

- Bathymetric Survey: May 2025
- Tidal Monitoring and Wetland Characterization: June 2025
- Hydraulic and Hydrologic Modeling: June 2025
- Traffic Data Collection: June 2025
- Information collected and modeling results will be used to identify possible alignment locations for further study and analysis.





- Bathymetry: The use of sonar equipment to transmit sound waves through water to measure the depth and shape of a water body.



PROJECT SCHEDULE & SCOPE

Future Work – Anticipated Start Dates

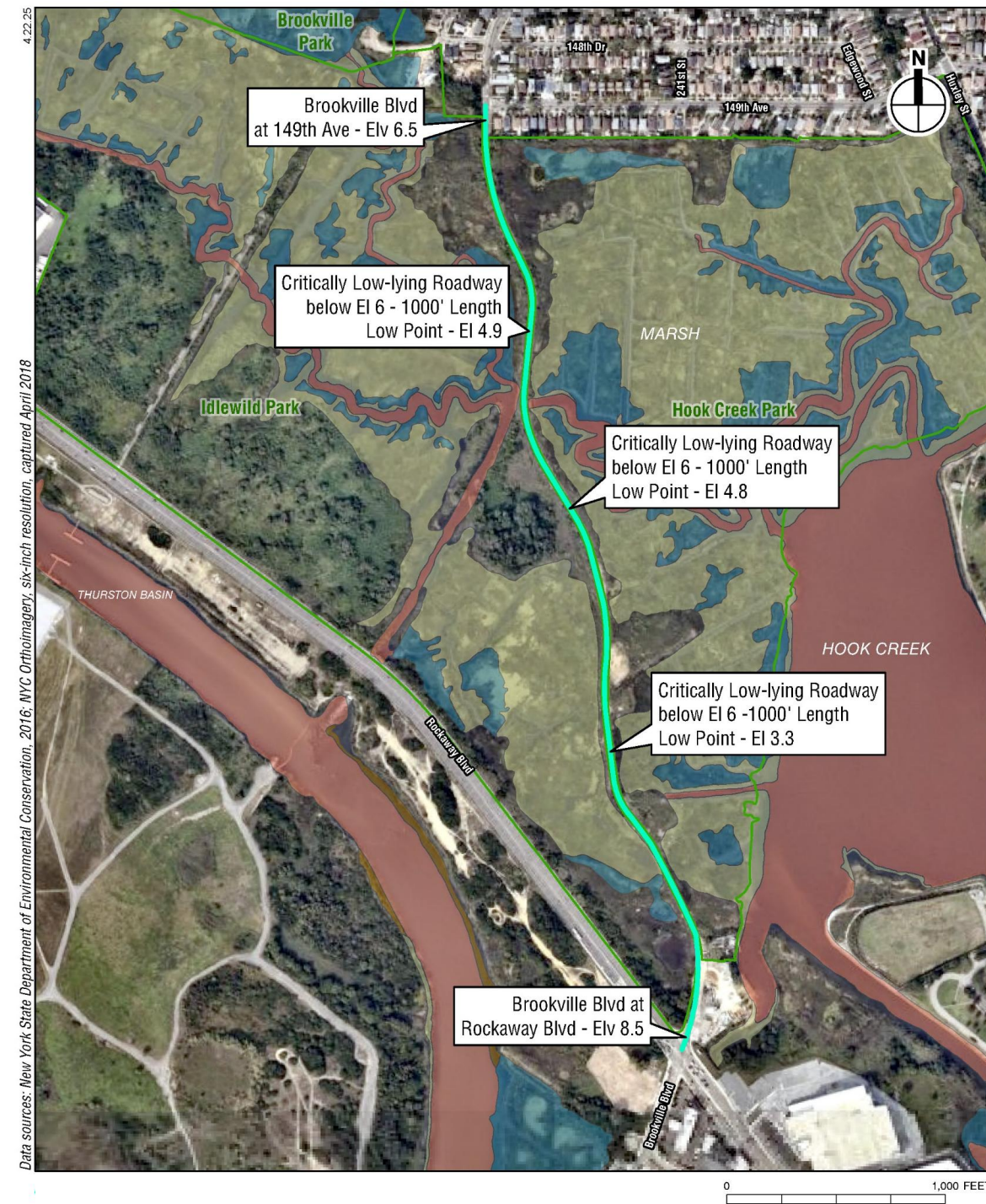
Subsequent Tasks

- Conceptual Alignment Development: July 2025
- Traffic Study Analysis: July 2025
- Subsurface Investigation: August 2025
- Topographic Survey: August 2025
- Information received will be used to refine alignment alternatives for discussion with City and all Stakeholders.



PROJECT CONCEPTS & ALTERNATIVES

- Alignments
- Flooding & Roadway Elevations
- Recreational Opportunities
- Wetland Benefits/Impacts/Mitigation



COMMUNITY ENGAGEMENT

Planned Meetings

MEETING / EVENT	TIMEFRAME	NOTES
Community Board Meeting No. 1	Q2 2025	Initial introduction of the project following completion of Existing Conditions Assessments, near the beginning of concept designs development. (Present purpose of project/study and alert public to input to be sought - set expectations.)
Public Information Meeting No. 1	Q3 / Q4 2025	Concurrent with concept design development. (Solicit input on concepts being examined and if any other concepts should be considered.)
Community Board Meeting No. 2	Q3 / Q4 2025	Concurrent with concept design development. (Solicit input on concepts being examined and if any other concepts should be considered.)
Community Board Meeting No. 3	Q4 2025 / Q1 2026	Following completion of draft schematic design. (Present results of study and Preferred Alternative.)
Public Information Meeting No. 2	Q1 / Q2 2026	Following completion of draft schematic design. (Present results of study & Preferred Alternative.)



DOT Project Contact

Andrew Arcese

Borough Planner, Community Boards 12 and 13

Queens Borough Commissioner's Office

NYC Department of Transportation

aaarcese@dot.nyc.gov

212-839-2510

