

DEER ISLE CAUSEWAYS STUDY

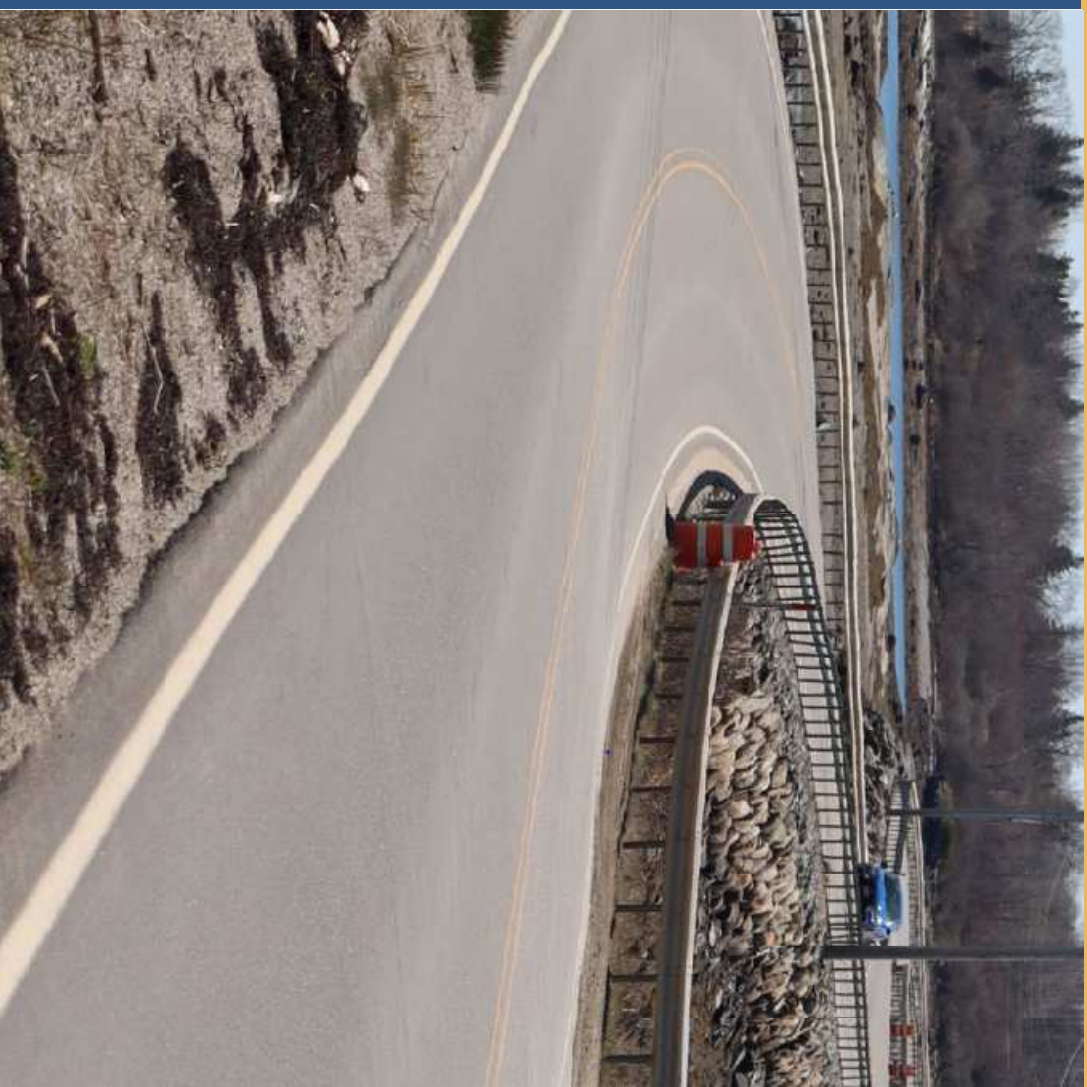
Public Meeting

August 1, 2023



INTRODUCTIONS

- Jarod Farn-Guillette, MaineDOT Project Manager
- Martin Rooney, MaineDOT Project Manager
- Sarah Williams, Stantec Lead Consultant Project Manager



WELCOME / BACKGROUND

- MaineDOT recognizes the ongoing safety concerns with the causeway condition
- Study provides an opportunity for in-depth evaluations, engineering analysis, public involvement, etc.
- Initial public meeting to introduce the Study, the team and gather information

AGENDA

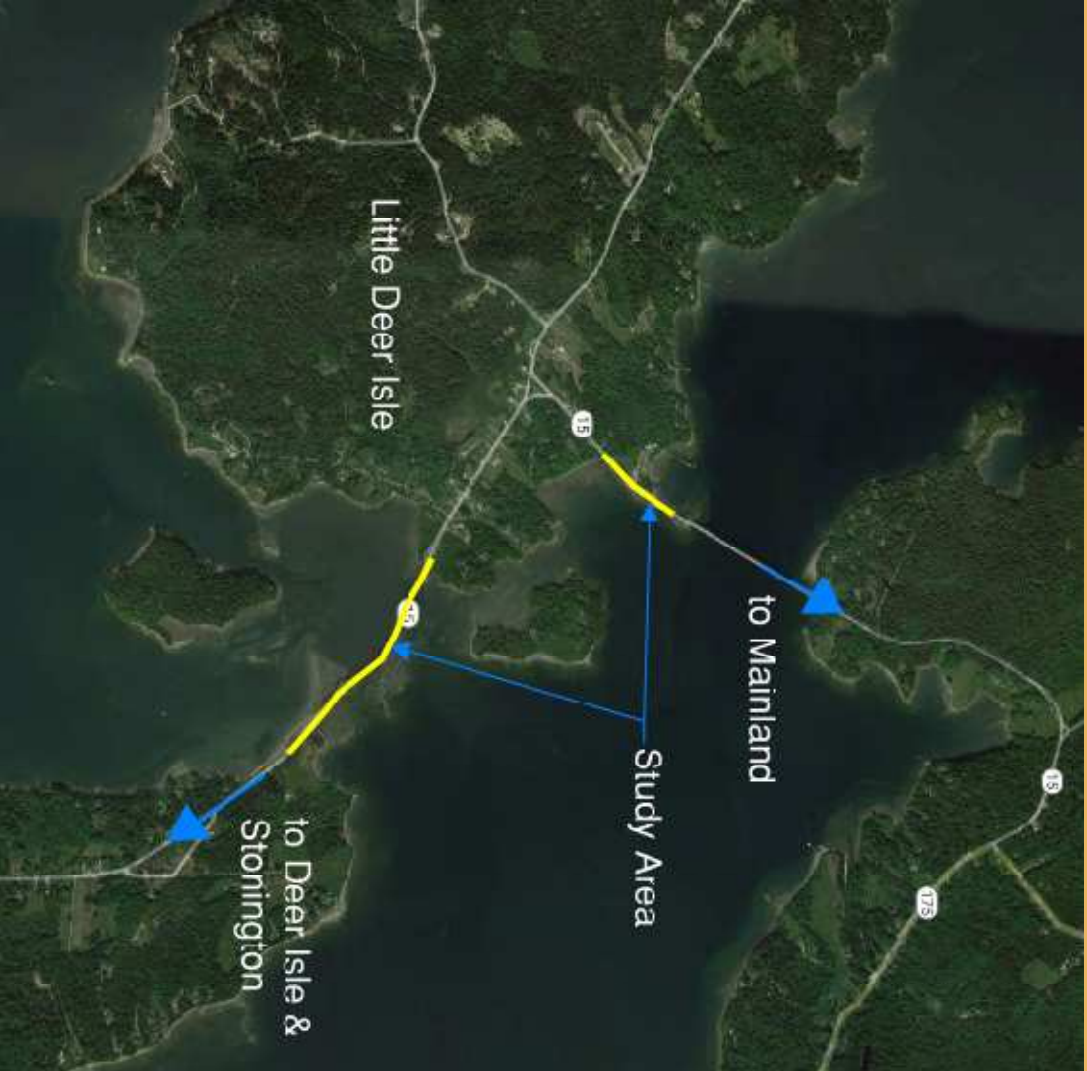
1. Study Objectives and Purpose
2. Scope of Work
3. Existing Conditions
4. Alternatives Evaluation
5. Public Involvement
6. Study & Project Schedule
7. Questions / Comments on Tonight's Meeting

STUDY OBJECTIVES AND PURPOSE

The Deer Isle Causeways Study includes:

- The causeway adjacent to the Deer Isle-Sedgewick Bridge connecting to Little Deer Isle
- The causeway between Little Deer Isle and Deer Isle/Stonington.

The causeways provide the only roadway link between the islands and the mainland.



STUDY OBJECTIVES AND PURPOSE

PRIMARY:

- Improve transportation reliability and resiliency.
- Improve causeway safety by addressing impacts from sea level rise, severe storm events and erosion.
- Complete capital improvements as quickly as practicable before further deterioration of the Causeways requires major maintenance efforts.

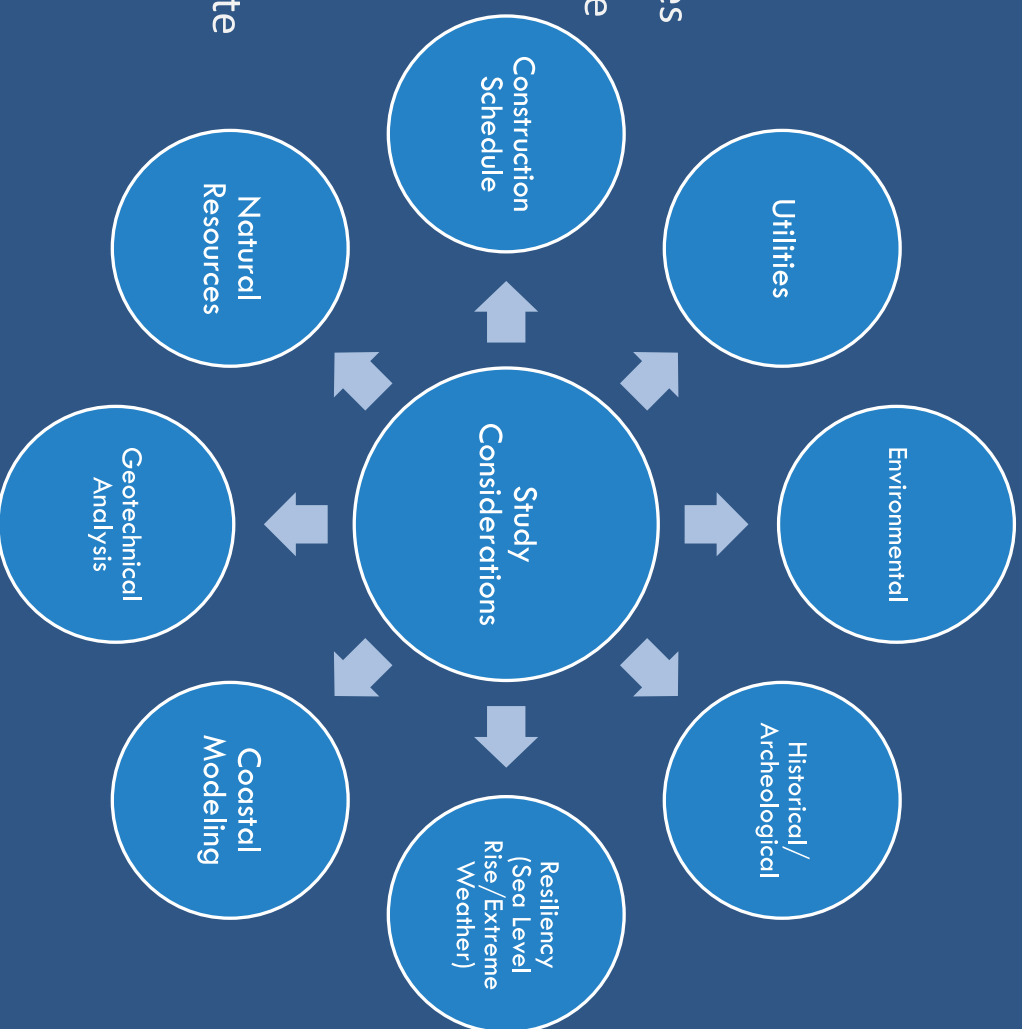
SECONDARY:

- Provide reliable mainland connectivity during all project planning, design and construction.
- Maintain competitiveness for federal discretionary funds.
- Consider related efforts for improving tidal flow between the Penobscot and Eggemoggin Reach sides of the Causeway, such as a bridge.

SCOPE OF WORK

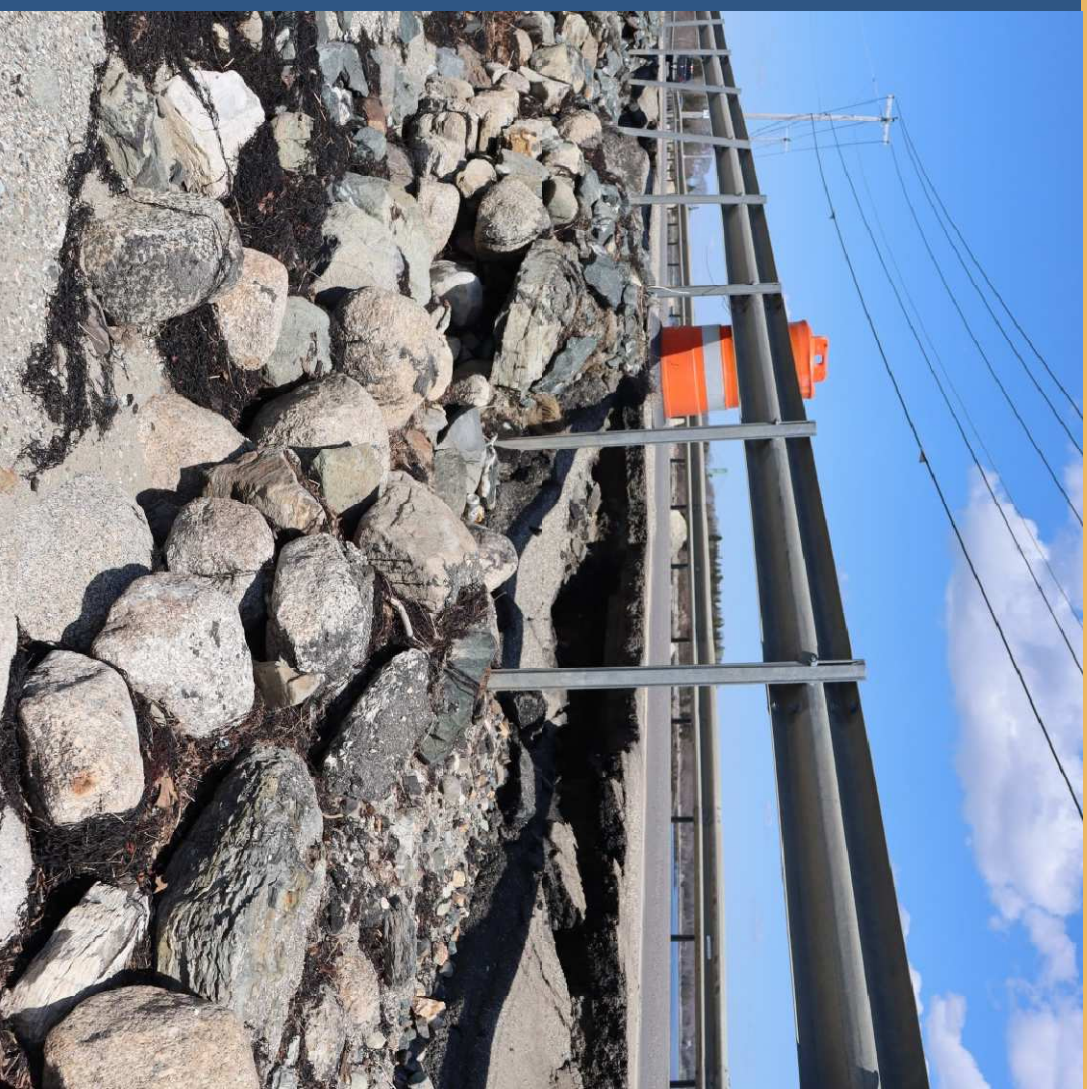
The Study includes research, technical and engineering analysis to:

- Identify deficiencies for all transportation modes
- Evaluate alternatives to improve and elevate the causeway
- Consider Public input and feedback throughout the process
- Coordinate with adjacent studies (UMaine & Maine Center for Coastal Fisheries)
- Gather information early in the Study to expedite a solution
- Summarize findings in a final report



EXISTING CONDITIONS

- Causeway construction completed in 1938
- ~3700 vehicles a day
- ~ 1 mile of causeway total
- Ongoing erosion of the sideslopes and pavement deterioration
- Guardrail damage
- Frequent flooding and debris from severe weather events



EXISTING CONDITIONS



Deer Isle Causeway, April 14, 2023



Deer Isle Causeway, April 14, 2023



Deer Isle Causeway, September 20, 2022



Deer Isle Causeway, March 28, 2023

(Recent photos courtesy of the Town)

ALTERNATIVES EVALUATION

1. No-Build Alternative/ Status Quo Maintenance
(This will be carried for comparison purposes)
2. Erosion Control and Stability Improvements
3. Increase Roadway Elevation by 4 feet w/Erosion Control & Stability
4. Increase Roadway Elevation by 6 feet w/Erosion Control & Stability
5. Small span bridge within the improved causeway between Little Deer Isle & Deer Isle
6. Other Ideas



PUBLIC INVOLVEMENT



Three (3) Public Meetings including tonight. Public involvement will continue throughout the design process beyond the Study phase.



Project Website: <https://www.maine.gov/mdot/projects/deerisle/>



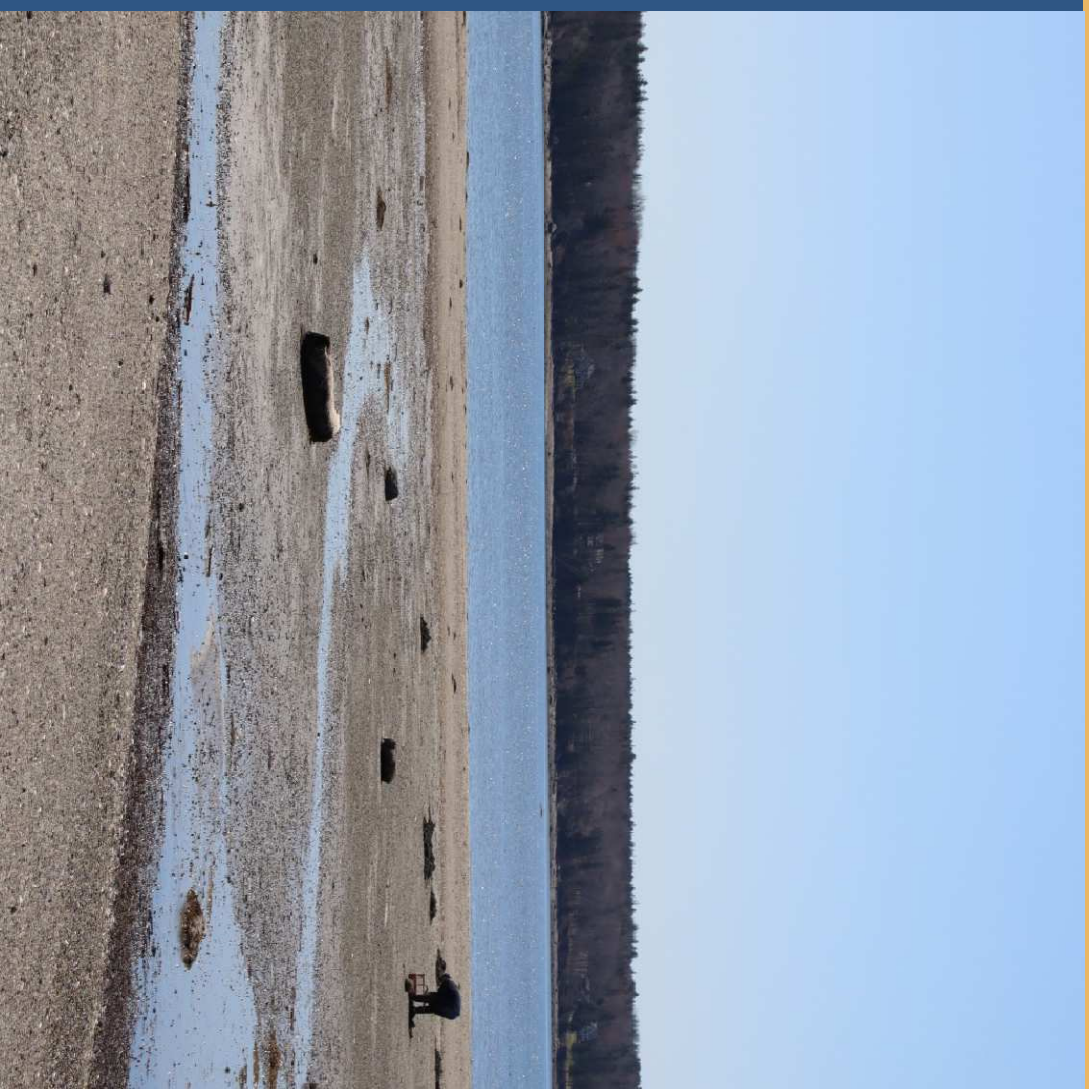
Open House as part of a future public meeting once alternative evaluation is progressed and preliminary data can be summarized.



Other (Business Surveys, Emergency Response Input, ???)

STUDY & PROJECT SCHEDULE

1. **STUDY:** 8-14 months (through summer 2024)
2. **DESIGN:** 12 -18+ months
3. **CONSTRUCTION:** likely 2+ construction seasons depending on alternative selected, traffic control, environmental considerations etc.



QUESTIONS / COMMENTS

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Project Website: <https://www.maine.gov/mdot/projects/deerisle/>