

Advisory Group Cape Cod Bridges

March 10, 2026



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Environmental Update

Environmental Update – MEPA and NEPA

MEPA

- Final Environmental Impact Report (FEIR) will be published in the Environmental Monitor on March 11, 2026.
- Final Secretary's Certificate and MEPA conclusions expected in April 2026.
- Will allow for the issuance of State-level environmental permits.

NEPA

- MassDOT developing the combined Final Environmental Impact Statement (FEIS)/Record of Decision (ROD) in coordination with FHWA.
- Draft FEIS/ROD will be provided to NEPA cooperating agencies for review in March 2026.
- Anticipate final signatures on FEIS/ROD in June 2026.
- Notice of Availability published in Federal Register in July 2026.

Environmental Update – Recreation – Section 4(f)

Section 4(f)

- MassDOT hosted a recreation-focused open house in January 2026
- Presented mitigations and enhancements at the following recreation facilities
 - Sagamore Recreation Area (USACE)
 - Keith Field (Town of Bourne)
 - Bourne Scenic Park (USACE and Bourne Rec Authority)
 - Bourne Recreation Area (USACE)
 - Gallo Ice Arena (USACE and Bourne Rec Authority)
- Wide support for the recreation plan was received at the event and during the 2-week comment period that followed
- MassDOT is coordinating with FHWA and Officials with Jurisdiction to obtain final approval in spring 2026



Environmental Update – State and Federal Permits


MassDOT has filed the following permit applications for the Sagamore Bridge Replacement project:

- Joint Section 401/404 – Clean Water Act
- Notice of Intent – MA Wetlands Protection Act
- US Coast Guard Bridge Permit

The following permit applications are expected to be filed in the coming months

- Section 408 – US Army Corps of Engineers
- Coastal Zone Management (CZM) Consistency Review – MA Office of CZM

All State and Federal Permits for the Sagamore Bridge are expected to be received by September 2026




Cape Cod Bridges Project - Sagamore Bridge Replacement
Bourne, Massachusetts

Notice of Intent Application

SUBMITTED TO: Town of Bourne Conservation Commission 24 Perry Avenue Buzzards Bay, MA 02532	APPLICANT: Massachusetts Department of Transportation Highway Division 10 Park Plaza, Room 7360 Boston, MA 02116
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Submitted February 18, 2026



Massachusetts Department of Transportation

Public Involvement

Public Involvement – Recent and Upcoming Outreach

- 12/16 – Bourne Public Schools STEM Event
- 12/16 – DEIS Public Hearing
- 1/20 – Recreation Open House
- 3/10 – Cape and Islands Bridge Coalition Meeting
- 3/10 – Advisory Group Meeting
- 3/26 – Bourne Public Schools STEAMposium



Procurement Update

Procurement Update

The Sagamore Bridge project is advancing as a Design-Build procurement.

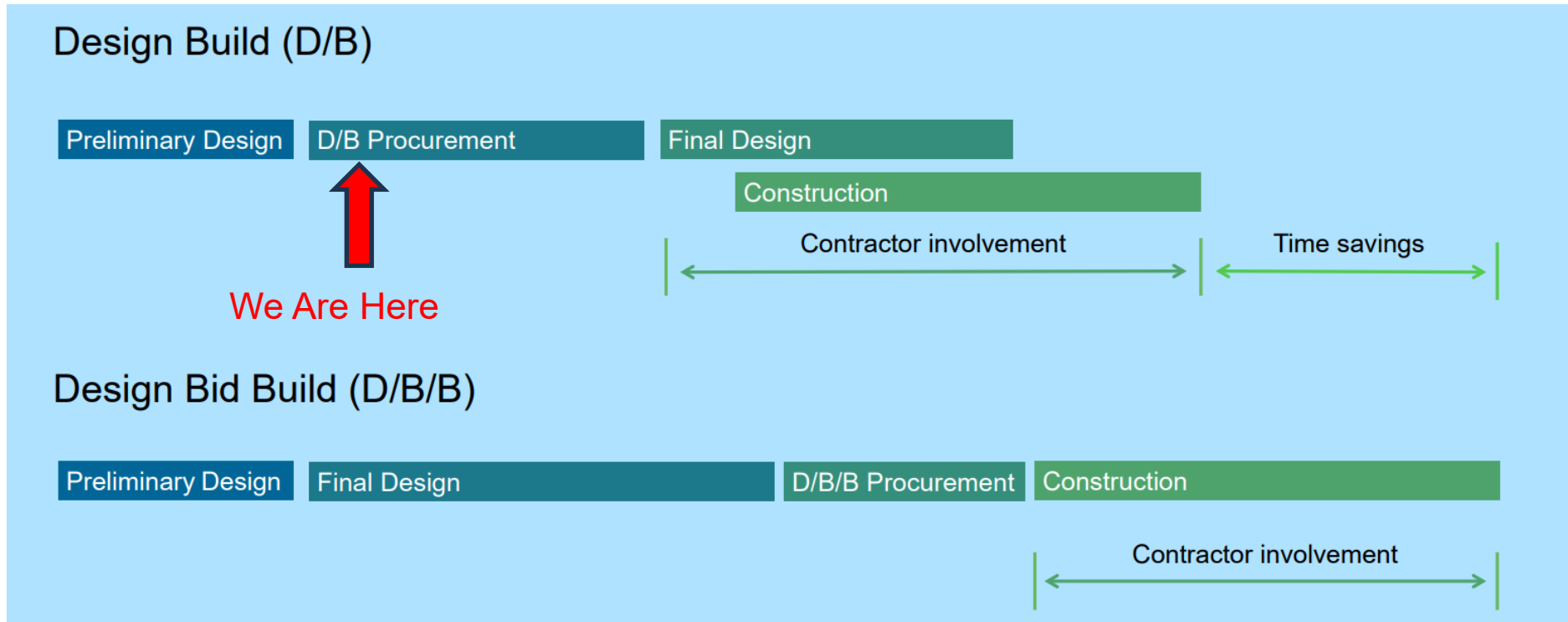
Design Build procurements result in:

Earlier Contractor Involvement

Earlier Construction Start

Greater Opportunity for Innovation

Earlier Construction Completion

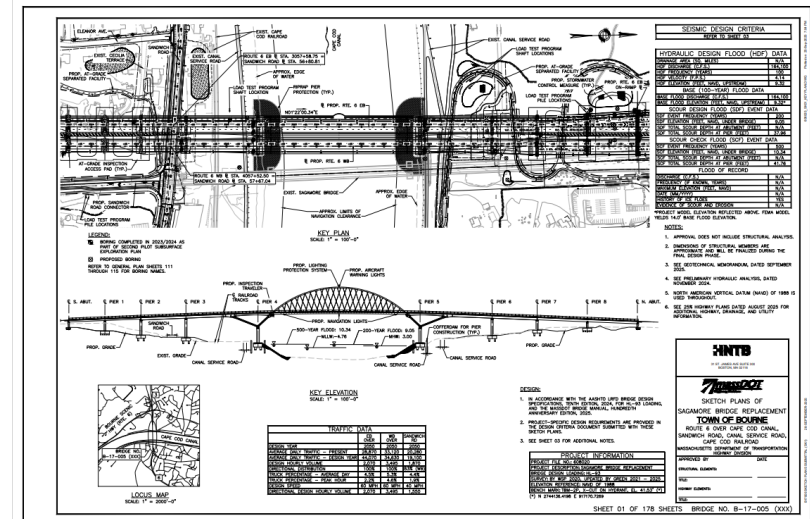
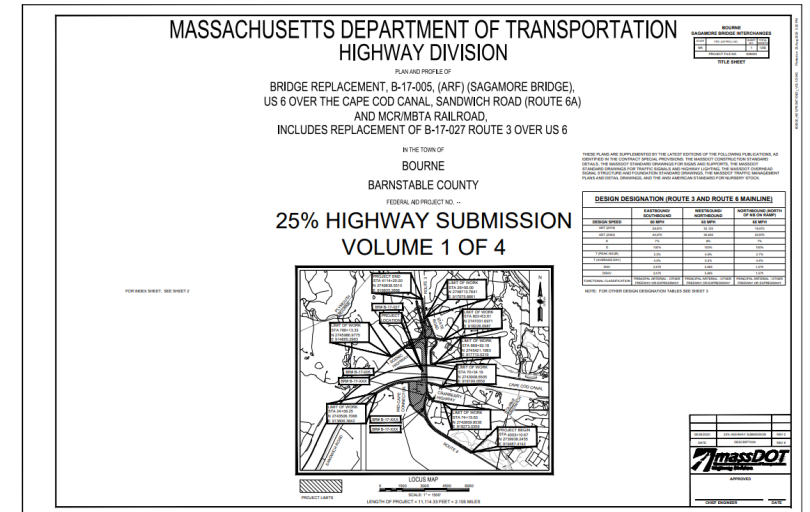


Procurement Update

MassDOT is completing the final review of the Preliminary Roadway and Bridge Design.

These designs are consistent with the recommended alternative identified in the DEIS.

MassDOT is working with the consultant design team on the preparation of the Request for Proposal (RFP) documents.



Procurement Update

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Letters of Interest – March

Industry Day – April

Request for Qualifications issued to interested firms – May

MassDOT will review the submitted Statements of Qualifications and prepare a Shortlist – August

The Shortlisted firms provided the Request for Proposals – September

Risk

Risk – Cost and Schedule Risk Assessment

Initial Cost and Schedule Risk Assessment (CSRA) Workshop conducted on May 22, 2023, through May 25, 2023

Led by FHWA CSRA Cadre Team

Participants

FHWA Division Office

MassDOT

USACE



Risk – Cost and Schedule Risk Assessment



The CSRA was conducted much earlier in the project development process than usual.

Due to the early stage of project development and the complexities of the project, a number of risks were identified.

The majority of these risks have the potential to result in schedule delays resulting in increased cost.

MassDOT has taken many actions to mitigate the identified risks.

Risk – May 2023 CSRA – Key Risks

Combined National Environmental Policy Act (NEPA)/Massachusetts Environmental Policy Act (MEPA) review for Project and gas lines relocation.

- Enbridge is proceeding with a separate NEPA process administered by the Federal Energy Regulatory Commission
- MassDOT is proceeding with an FHWA administered NEPA process

Environmental Impact Statement (EIS) (rather than Environmental Assessment [EA]) required for Project NEPA review.

- FHWA determined that an EIS is required.
- MassDOT in coordination with FHWA is advancing this process and anticipates NEPA completion in June of 2026.

Additional alternatives included in MEPA analysis.

- The MEPA documents reflect the recommended alternative that was vetted with the public.
- No additional alternatives were identified

Risk – May 2023 CSRA – Key Risks

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Individual Section 4(f) analysis for Cape Cod Canal Historic District.

- In coordination with FHWA, the project is proceeding with a De Minimis finding.

Delayed completion of gas line relocations.

- Enbridge is advancing the gas line relocation work is currently projecting that will be complete ahead of schedule.

Critical right-of-way (ROW) acquisitions lead to design-build contract delays.

- MassDOT obtained approval from FHWA to proceed with property acquisitions in advance of NEPA completion.

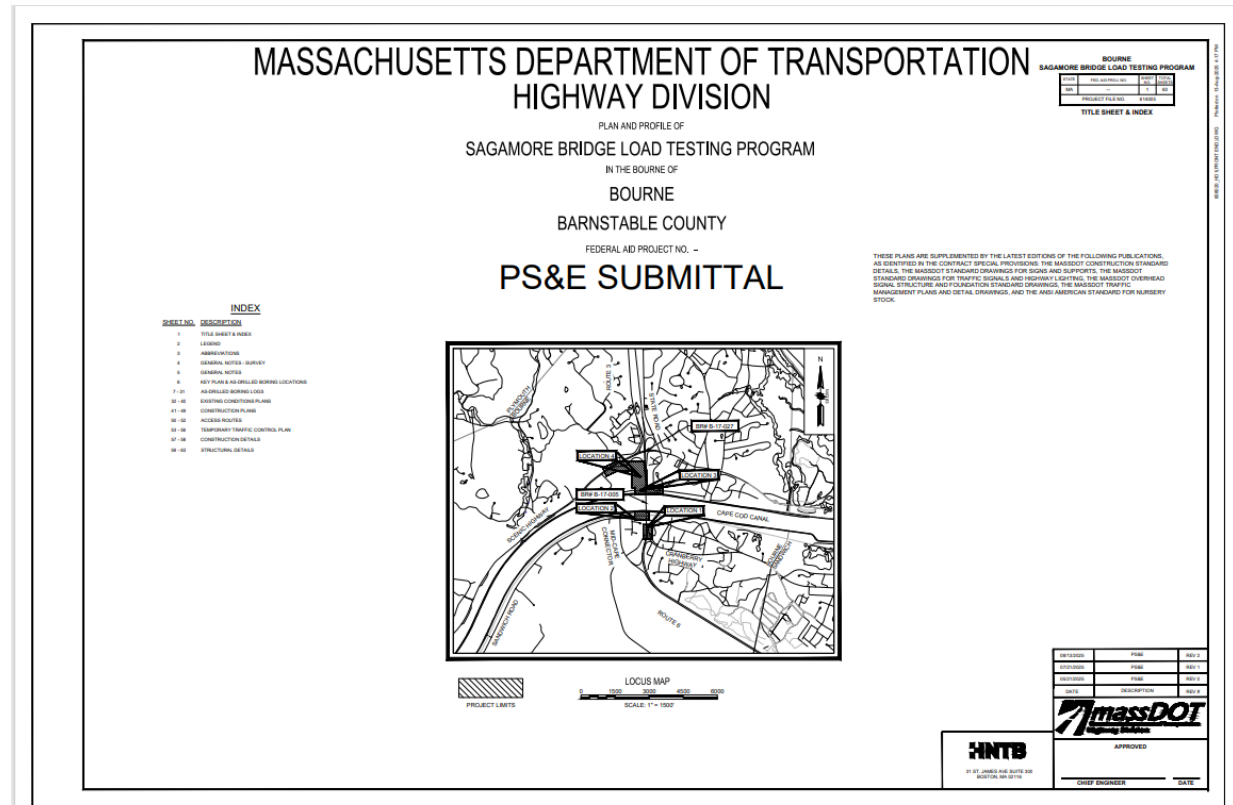
Ongoing Field Work

Ongoing Field Work – Foundation Load Tests

This work involves installing drilled shafts and driven piles and then testing the performance of the installed shafts and piles.

This work is being performed to confirm construction methods and geotechnical resistance values for both drilled shafts and driven piles.

The results will be shared with bidders to mitigate contractor risk and improve pricing.



Ongoing Field Work – Foundation Load Tests

The Contractor received a Notice to Proceed in December of 2025.

The Contractor has provided a schedule of operations to MassDOT's District 5 Office

The dates in this presentation are based on the contractor's schedule.

The contractor has started on general mobilization and project wide tree clearing

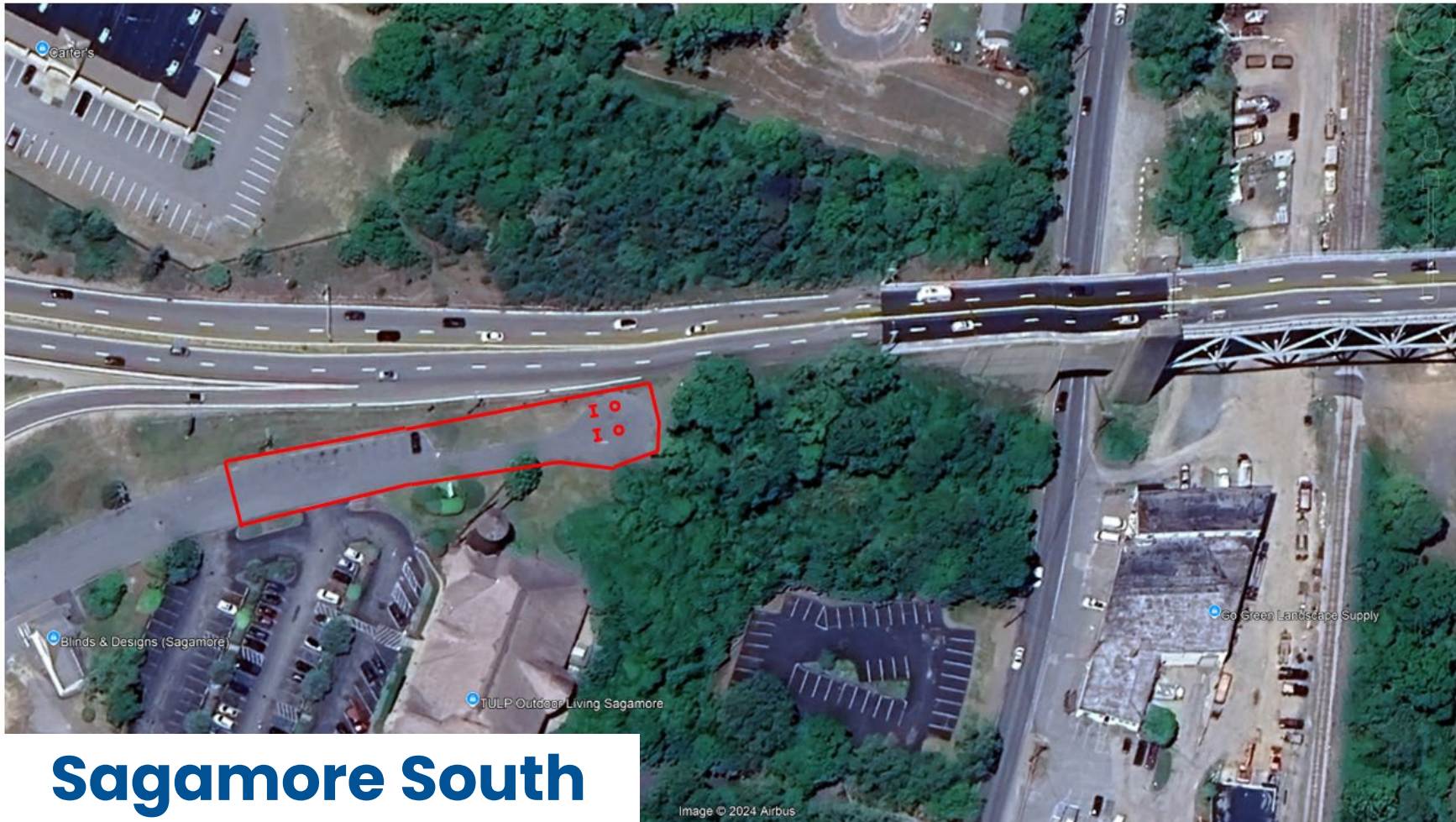


Example Pile Load Test



Example Drilled Shaft Load Test

Ongoing Field Work – Foundation Load Tests



Sagamore South

Four driven piles

May – Site preparation and mobilization start

June – Complete pile driving

July – Complete testing and restore site

Ongoing Field Work – Foundation Load Tests

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One 5-foot drilled shaft

July – Site Prep and Mobilization Start

August – Complete drilled shaft installation

October – Complete testing and restore site

Ongoing Field Work – Foundation Load Tests

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Sagamore North

One 5-foot and one 8-foot diameter drilled shaft

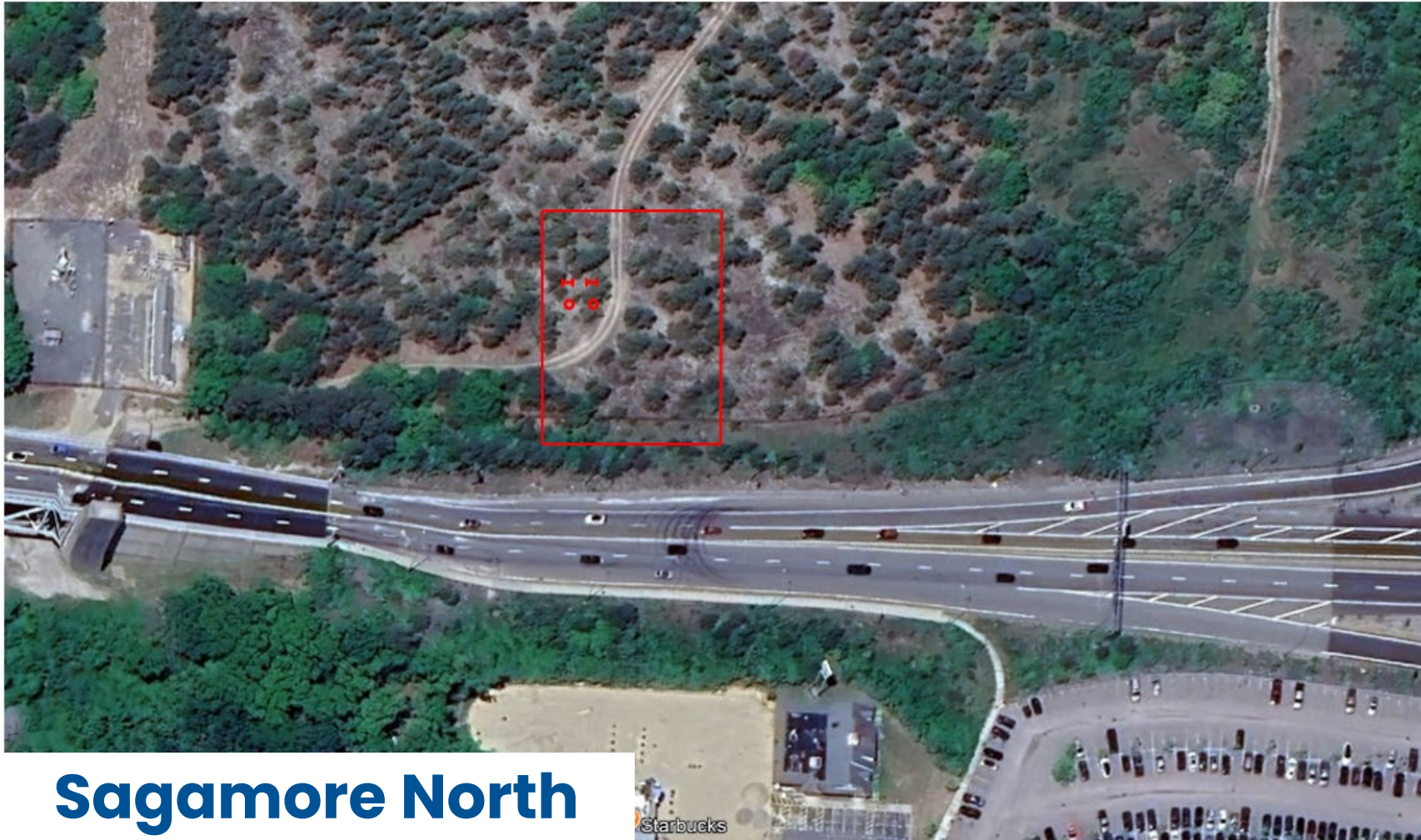
May – Site preparation and mobilization start

July – Complete drilled shaft installation

October – Complete testing and restore site

Ongoing Field Work – Foundation Load Tests

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Sagamore North

Four driven piles

July – Site preparation and mobilization start

September – Complete pile driving

October – Complete testing and restore site

Ongoing Field Work

Borings



Over 200 borings have been performed
Some upcoming borings at the Sagamore crossing on private property
Focus will be moving to the Bourne crossing

Survey



Survey is ongoing
Upcoming Survey at Sagamore on Private Property

Subsurface Utility Engineering



Additional work at Sagamore Crossing first then the Bourne crossing

Thank You