



Salem Offshore Wind Terminal

Public Meeting

November 16, 2022

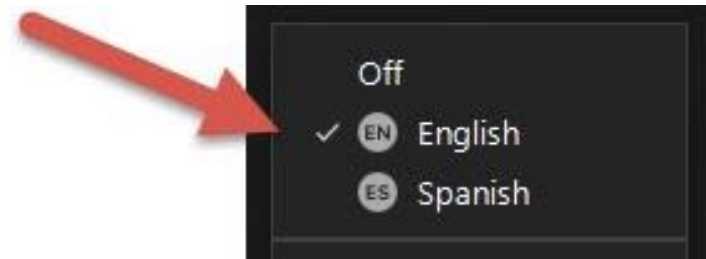
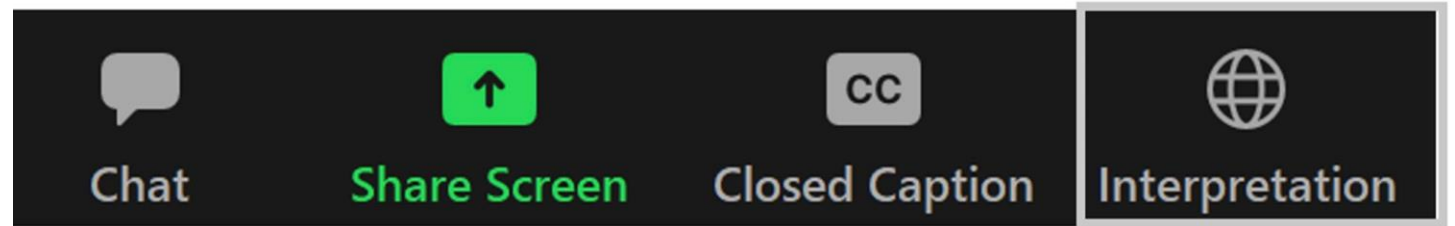
6:30 PM

AECOM

Interpretation

Spanish interpretation is available during this meeting.

In your meeting controls on the toolbar at the bottom of the screen, click the **Interpretation** icon (the small globe) and click the language that you would like to hear.



Welcome to the meeting!

Thank you for joining us! We appreciate your participation and interest in the Salem Offshore Wind Terminal Project.

This meeting will be recorded so that it can be shared with people that were unable to attend but are interested in learning more about the project.

All participants will be muted so that only the presenters can be heard to avoid excessive background noise.

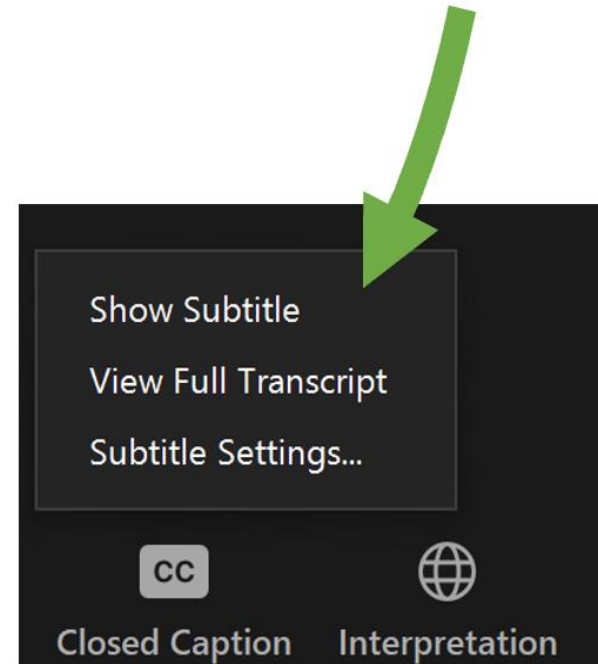
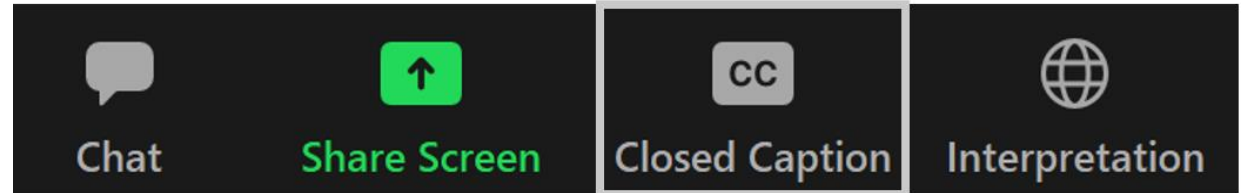
Captioning

You can view closed captions by clicking the **Closed Caption** icon on the toolbar at the bottom of your screen and selecting from the options offered.

Show Subtitle will display a caption at the bottom of the screen.

View Full Transcript will display the meeting's audio transcription in a window to the right.

To adjust the size of the text, click the upward arrow next to **Start Video / Stop Video**. Click **Video Settings** then **Accessibility**. Move the slider to adjust the caption size.



Agenda

- Welcome & Introductions
- Current Project Status
- EENF Overview
- EENF Process and Comment Period
- Workforce Development
- Questions and Answers

Welcome and Introductions

Salem Port Development

ROLES / RESPONSIBILITIES



- Port Design/Construction
- Port Operations
- Vessel Operations and Management



- First lease holder at the port, once construction is complete.
- Will use the site for marshalling of Offshore Wind component parts, for the Park City Wind and Commonwealth Wind projects.



City of Salem

- Salem Harbor Port Authority
- Cruise Operations
- Community Benefits Agreement

* All parties will share in workforce development, community engagement, grants/funding, etc.

Salem Port Development

ORGANIZATION CHART

Jeff Andreini

VP, OFFSHORE WIND SERVICES

John Berry
Primary Community Contact
MANAGER, TERMINAL OPERATIONS
info@salemoffshorewind.com

PORT DESIGN	COMMUNICATIONS	WORKFORCE	OPERATIONS	CONSULTANTS
<p>Brian Abel DIRECTOR OF FACILITIES ENGINEERING</p> <p>Jared Kemp PROJECT MANAGER</p>	<p>David DeCamp DIRECTOR, CORPORATE COMMUNICATIONS</p> <p>David Wood GOVERNMENT RELATIONS ASSOCIATE</p>	<p>Arketa Howard DIRECTOR, BUSINESS & POLICY AFFAIRS</p> <p>Mallory Brown OFFSHORE WIND SPECIALIST</p>	<p>Marli Thomas MANAGER, OFFSHORE WIND WORKFORCE DEVELOPMENT</p> <p>Evan Matthews DIRECTOR OF OFFSHORE WIND OPERATIONS</p> <p>John Berry MANAGER, TERMINAL OPERATIONS</p>	<p>AECOM David Simpson ENGINEERING Geoffrey Morrison Logan COMMUNITY ENGAGEMENT</p> <p>RVA Jason Silva COMMUNITY ENGAGEMENT</p> <p>Tetra Tech Jamie Fay PERMITTING</p> <p>TS&K Christian Scorzoni/Jen Gorke GOVERNMENT RELATIONS</p>

Sustainability At Crowley

Bravely Advancing What's Possible to Elevate
People and Planet



Environment

Reduce our Impact

Reducing greenhouse gas emissions and ensuring clean operations throughout our value chain are core to being a responsible operator in the face of a changing climate.



Social

Grow Responsibly

Addressing the impacts of our business on society and providing for our employees enables us to better attract and retain diverse and innovative talent.



Governance

Be Accountable

Championing human rights and driving a culture of empowerment and transparency throughout our organization increases our resilience.

Current Project & Design Status

Project Site



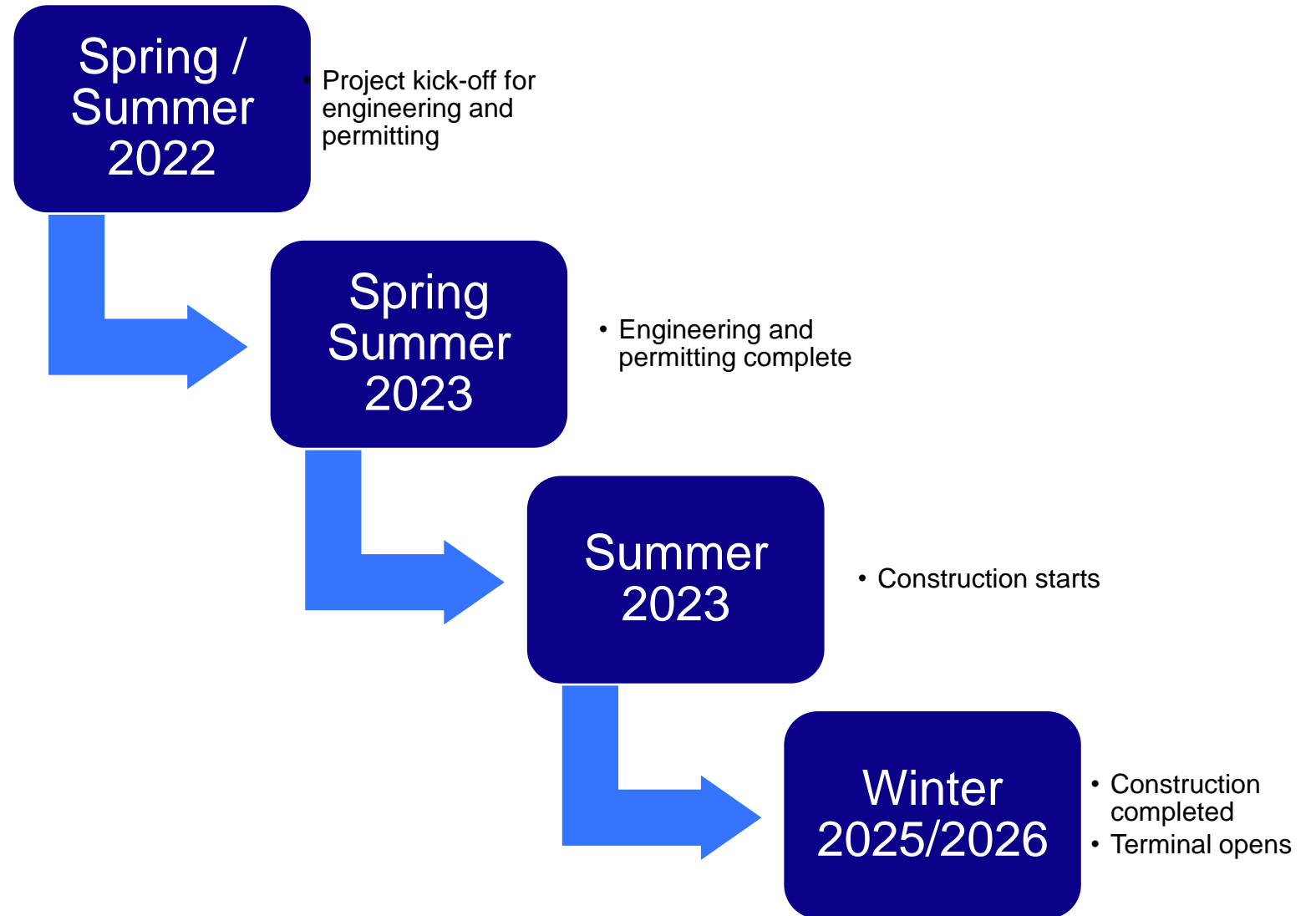
Phasing & Timeline

The Salem Offshore Wind Terminal will be developed over the course of 2-3 years. We anticipate the following timeline that is subject to change.

Year 1 Conversations:

- Listen and learn
- Develop the design
- Navigate and set the course

Note: There may be construction activities during the engineering and permitting phase.



Expanded Environmental Notification Form (EENF)

Project Site



EENF



Salem Wind Port Salem, Massachusetts

Expanded Environmental Notification Form

October 17, 2022

submitted to
Executive Office of Energy and Environmental Affairs

submitted by **Crowley Wind Services, Inc.**

prepared by **Fort Point Associates, Inc., a Tetra Tech Company**

in association with
AECOM, Inc.
GZA GeoEnvironmental, Inc.
Anchor QEA
Tetra Tech, Inc.
Correnti & Darling LLP
Susan St. Pierre Consulting Services



MEPA Review Timeline

August 16: EJ Notification

October 17: EENF Filing

October 20: Public Notice

October 24 – **November 23: Public Comment Period**

November 30: EENF Certificate issued

January 31, 2023: SEIR filing

February 8 – March 8, 2023: Public Comment Period

March 15, 2023: SEIR Certificate

Alternatives

Alternatives

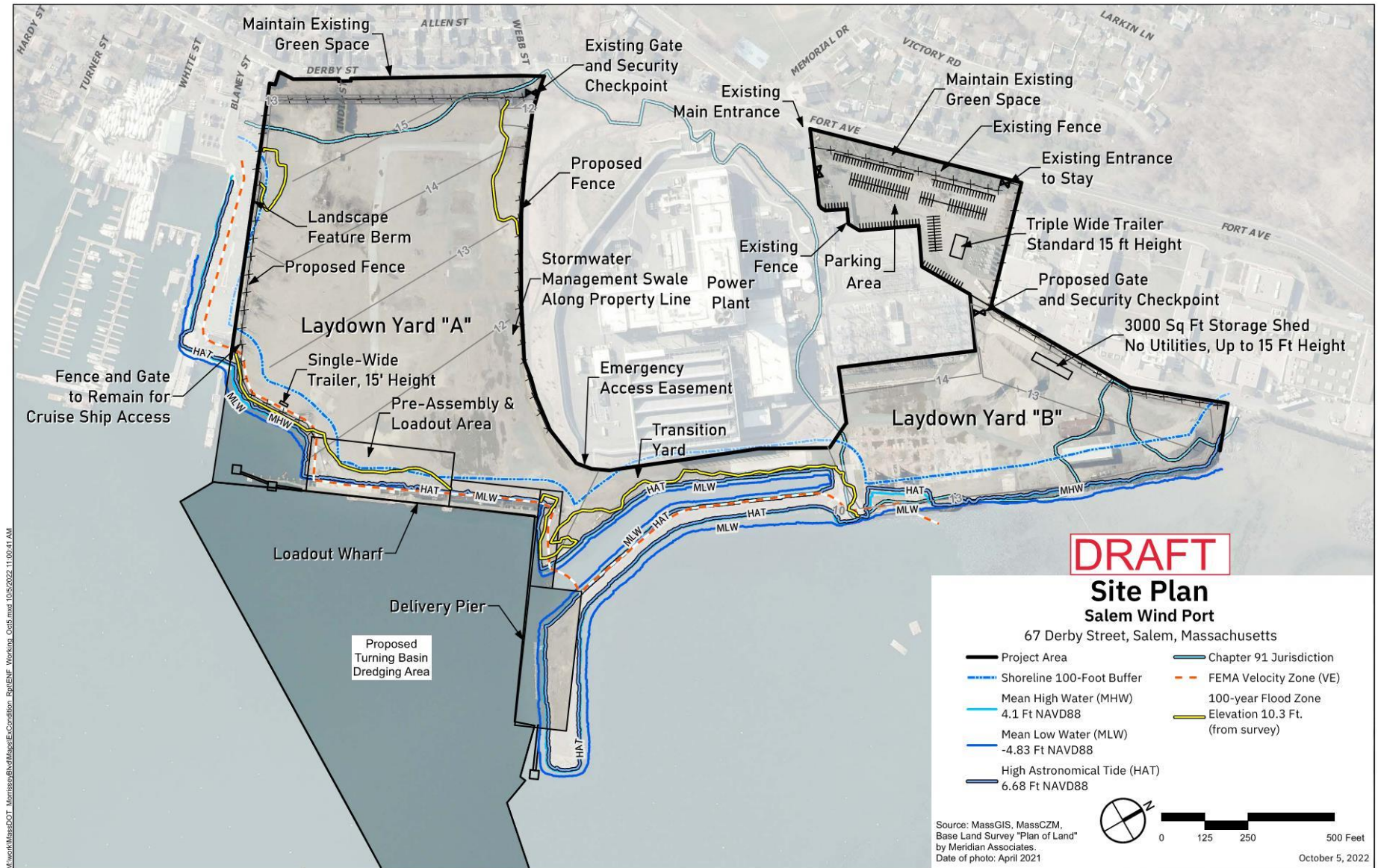
- No Build Alternative
- **Preferred Alternative**
- Maximum Build Alternative



Preferred Plan

Site Plan

- Laydown Yard "A"
- Laydown Yard "B"
- Transition Yard
- Loadout Wharf
- Delivery Pier
- Parking Area
- Turning Basin



3D Rendering – Conceptual Layout



Infrastructure

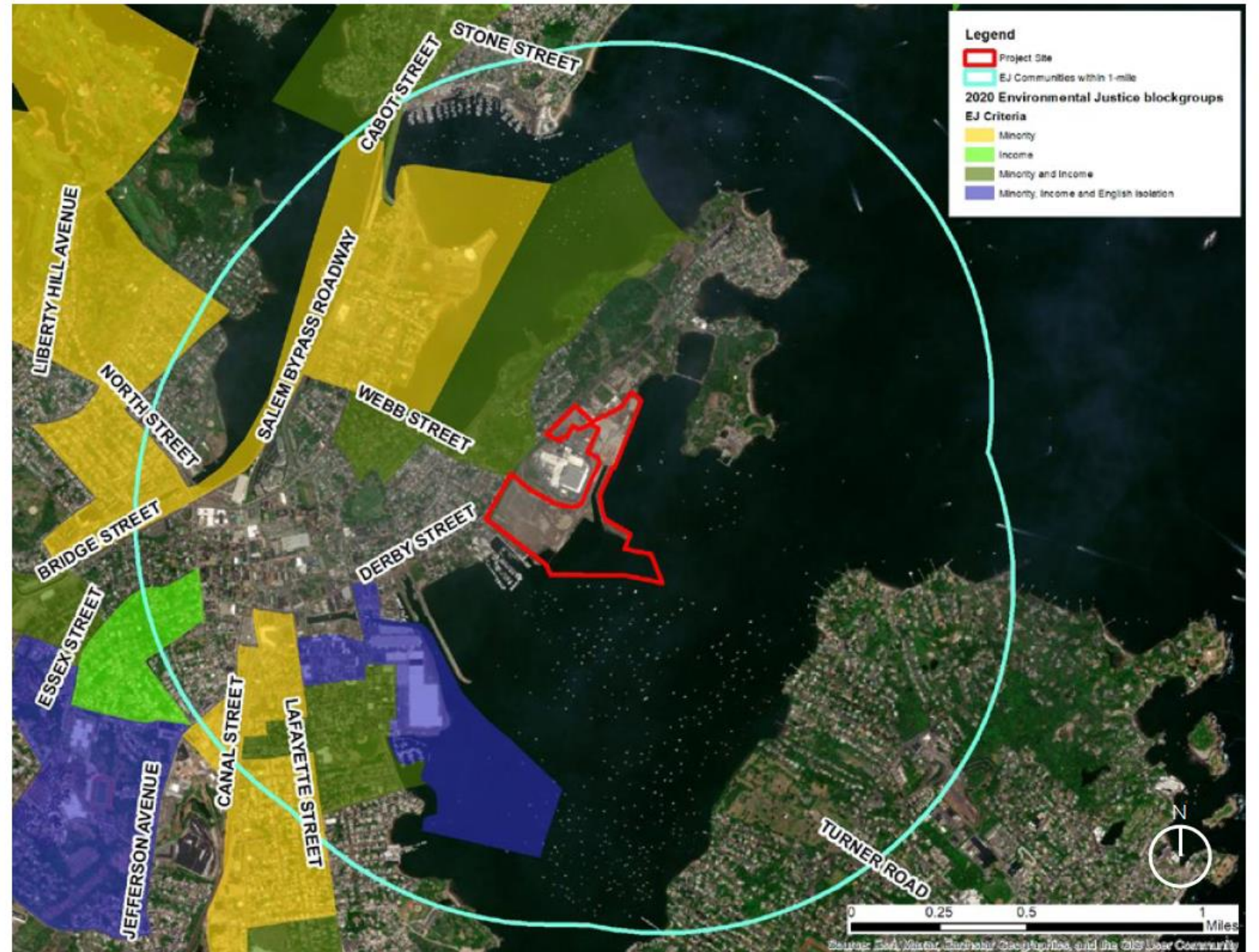
Infrastructure

- Stormwater



Environmental Justice

Environmental Justice Block Groups



Transportation

Transportation Study Areas

Time Period	Daily Volume (vpd) ¹	Percent Daily Traffic ²	Peak Hour Volume (vph) ³	Peak Flow Direction ⁴	Peak Hour Directional Volume (vph)
Weekday Morning Peak Hour	3,230	6%	198	53% SB	105
Weekday Evening Peak Hour	3,230	10%	314	55% NB	174



Summary of Permits

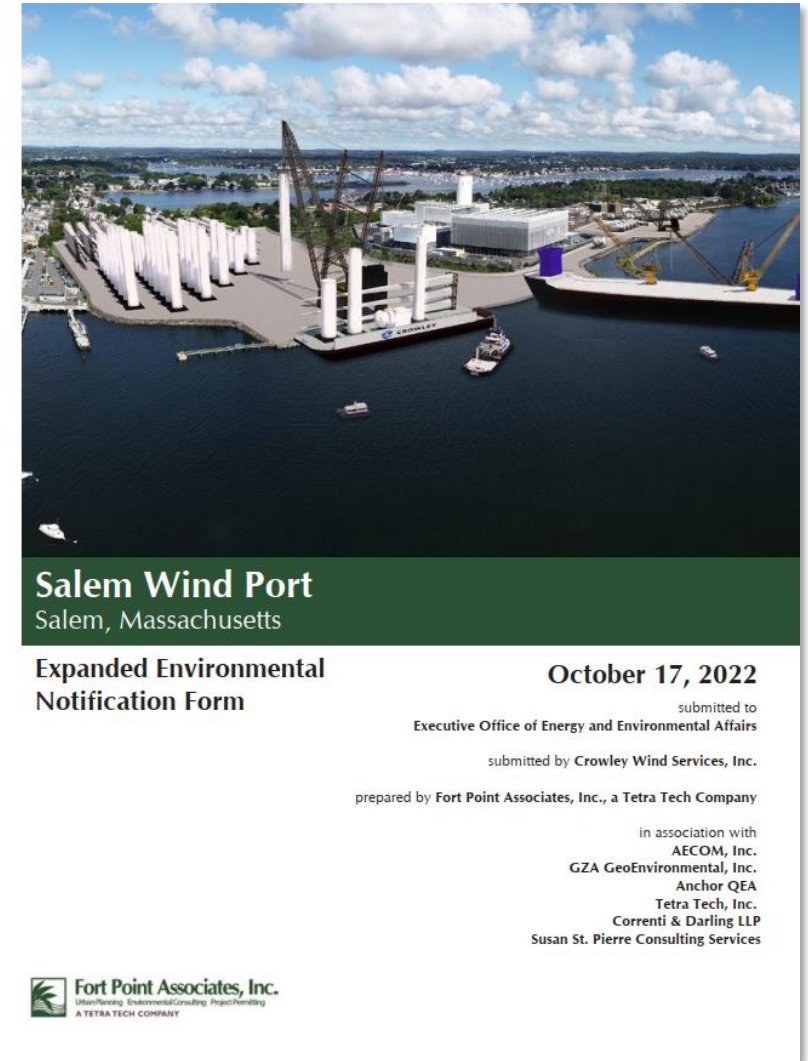
Required Permits

Agency	Approval
Local	
Salem Conservation Commission	WPA Form 5 – Order of Conditions
Salem Planning Board	Special Permits: Planned Unit Development, Flood Hazard Overlay District, Stormwater Management
Salem Historical Commission	Waiver of Demolition Delay
State	
Executive Office of Energy and Environmental Affairs	Massachusetts Environmental Policy Act (MEPA) Certificate on Expanded Environmental Notification Form MEPA Certificate on Single Environmental Impact Report
Massachusetts Department of Environmental Protection	Chapter 91 License and Dredge Permit 401 Water Quality Certification
Massachusetts Office of Coastal Zone Management	Coastal Zone Management Federal Consistency Review
Massachusetts Historical Commission	No Adverse Effects on Historic Properties (Section 106 and State Chapter 254)
Federal	
U.S. Army Corps of Engineers	General Permit (USACE Section 10, 103, 404, and 408)
Federal Aviation Administration	Determination of No Hazard to Air Navigation for Permanent or Temporary Structures
U.S. Environmental Protection Agency	EPA NPDES Dewatering General Permit

EENF Process and Comment Period

EENF Process & Comment Period

- October 20: Public Notice
- October 24 – November 23: Public Comment Period
- November 07 – MEPA and Public Site Walk
- November 14 – Public Meeting (MEPA's meeting)



MEPA Comments:

By Mail:

Secretary of Energy and Environmental
Affairs

Executive Office of Energy and
Environmental Affairs (EEA)

Attn: MEPA Office

Alex Strysky, EEA No. 16618

100 Cambridge Street, Suite 900

Boston MA 02114

Online

MEPA Public Comment Portal:

[Mass.Gov - MEPA Public
Comments \(state.ma.us\)](https://www.mass.gov/info-details/mepa-public-comments)

[eeaonline.eea.state.ma.us/
EEA/PublicComment/Landi
ng/](https://eeaonline.eea.state.ma.us/EEA/PublicComment/Landing/)

By Email:

alexander.strycky@mass.gov

Construction Management Plan (CM Plan)

CM Plan

- Plan is being drafted
- CM Plan will address many things like:
 - Construction truck/delivery traffic
 - Parking
 - Time of work and how to control traffic leaving the site.



Public Benefits

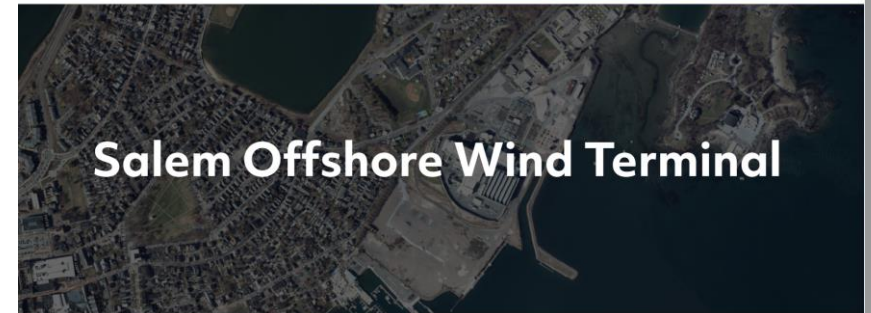
Public Benefits

- **Improvement in channels, wharves, and port facilities** to support existing and future maritime uses in Salem Harbor and the recommendations of the Salem Municipal Harbor Plan (MHP);
- **Improvement in stormwater management** to improve and protect water quality in Salem Harbor;
- **Investment in a new and promising industry** for the City of Salem with workforce development and training in the OSW industry, including partnerships with high schools like Salem High School, local colleges, nonprofits, and academies to provide Global Wind Offshore Training (GWO) and other training programs;
- **Creation of up to 200 FTE jobs during construction of the Project and up to 200 jobs during the terminal's operation phase;**
- **Establishment of a community benefits agreement between the Proponent and the City of Salem** to preserve the City's long-term interests, including identifying local supply chain opportunities, workforce development, increasing public access to the waterfront by supporting cruise ships visits, and developing partnerships with residents and community organizations; and
- **Investment in renewable energy to further the Commonwealth of Massachusetts' clean energy and climate goals** in order to address climate change impacts and pollution from traditional fossil fuel energy sources: and
- **Enables the Commonwealth to remain at the forefront of the OSW industry** and to take full advantage of the nation's rapidly growing OSW industry on the East Coast, especially as the industry matures and new technologies, such as floating OSW, become more common.

Community and Agency Outreach

Community and Agency Outreach

- Historic Derby Street Neighborhood Association
- Point Neighborhood Association
- Willows Neighborhood Association
- Salem Partnership
- Salem Chamber Of Commerce
- North Shore Chamber Of Commerce
- Salem Harbor Port Authority
- Salem Alliance For The Environment
- South Essex Sewerage District
- Salem Rotary
- Marblehead Select Board
- Coordination Meetings With City Department Heads
- Public Meeting In June



The Project

The proposed development will result in a terminal providing new heavy-lift deployment and logistic services for offshore wind operations on a remediated, 42-acre waterfront property on the site of a former coal and oil-fired power plant in Salem Harbor. Under the anticipated project, the site will contain the following elements:

- Two Laydown Yards
- Transition Yard
- Pre-Assembly & Load Area
- Wharf & Bulkhead
- Berths for Vessels
- On-site equipment



The Site

The proposed site is 42 acres of waterfront property in a Designated Port Area of Salem Harbor. The site history dates to the 1950s, and several development and land reclamation projects have resulted in the current site configuration. Most recently, the property was the site of a 700-megawatt (MW) coal and oil-fired power plant which encompassed the original 65-acre parcel.

The coal plant was demolished beginning in 2014 and a site environmental remediation effort was undertaken. The original 65-acre site has since been divided into two lots. Fosterler Power has developed a new natural gas fired power plant on the 21-acre site identified as Lot 1. The remaining 42 acres of the original site, designated Lot 2, will be developed into the Salem Offshore Wind Terminal.

Phasing and Timeline

The Salem Offshore Wind Terminal will be developed over the course of two to three years. We anticipate the following timeline:

- Spring 2022 | Project Kick-off for Engineering and Permitting
- Spring / Summer 2023 | Engineering and Permitting Complete
- Summer 2023 | Construction Starts
- Winter 2023 / 2024 | Construction Complete & Terminal Open

Note: Some overlap construction activities during engineering and permitting

Workforce Development

Workforce Development

- Collaborative opportunities for local colleges, non-profits, and academies to provide [Global Wind Offshore \(GWO\)](#) certified training with GWO partner [RelyOn Nutec](#)
- Partnerships for GWO Training and/or Offshore Wind Workforce Development with [Massachusetts Maritime Academy](#), [SUNY Maritime](#), [Maine Maritime](#)
- Engagement with local communities to develop workforce
- Strong relationships with union labor with a commitment to fair and safe work practices



Questions and Answers

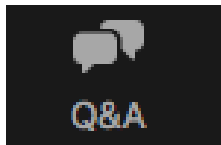
Participating in Zoom

Question and Answer



Option 1:

- Raise your Zoom hand
- To raise your hand, click “Participants” then “Raise hand”
- On a telephone, press *9 to raise your hand
- A member of the Project Team will say your name and ask you to unmute so that you can state your question or comment



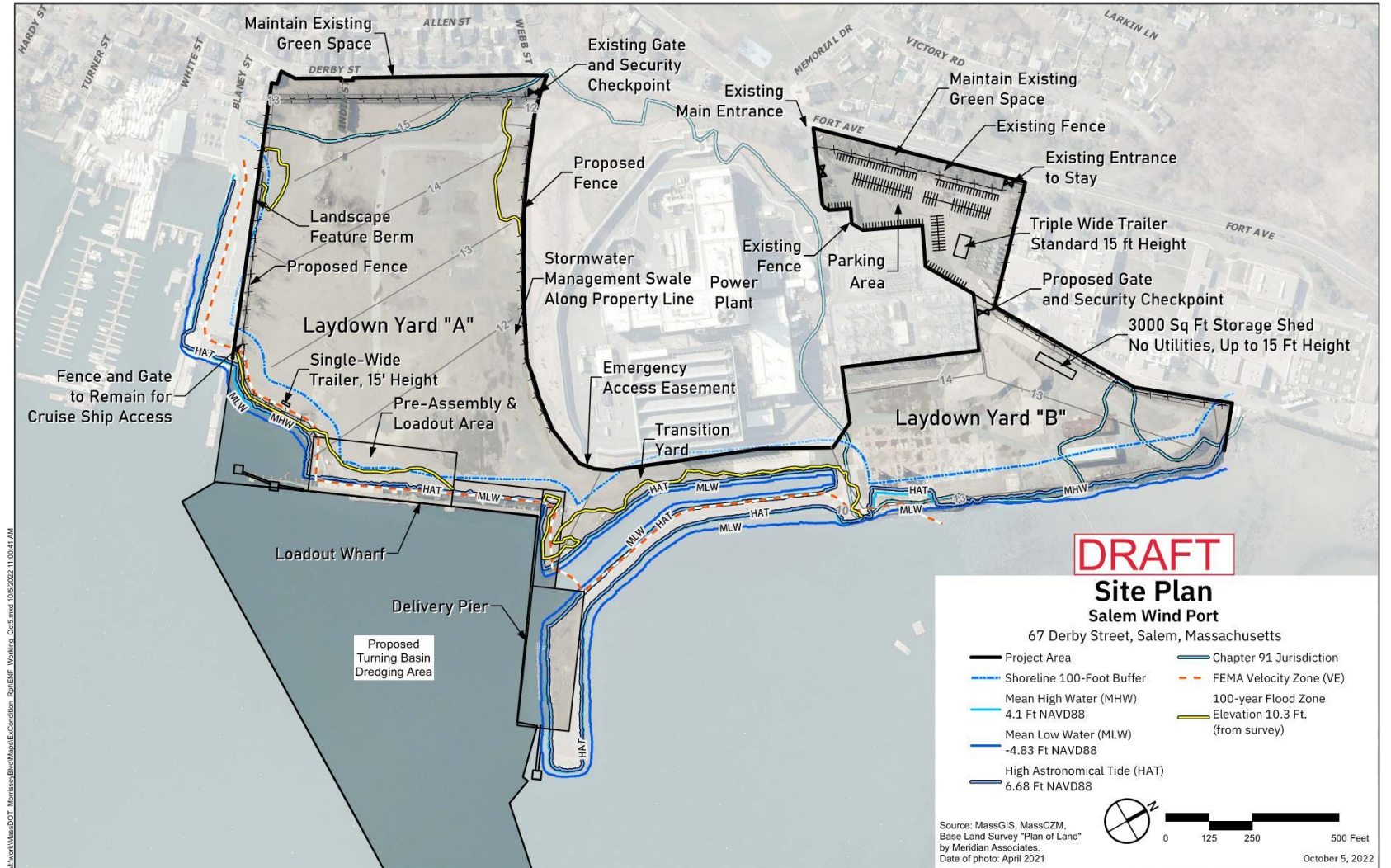
Option 2:

- Use the Zoom Q&A feature
- Type your questions in at any point during the meeting

After you speak, a member of the Project Team will lower your hand and you will once again be muted to allow the team to respond and to allow as many attendees as possible the opportunity to participate.

Site Plan

- Laydown Yard "A"
- Laydown Yard "B"
- Transition Yard
- Loadout Wharf
- Delivery Pier
- Parking Area
- Turning Basin



Project Elements

Laydown Yards

Provide space for pieces of the wind turbines called “nacelles” and “towers”.

Examples*



* Illustrative only: Will vary from actual design

Transition Yard

Connects between the two laydown yards and provides additional storage.



Site Today

Project Elements

Pre-Assembly & Loading Area

Platforms for pre-assembly, staging and loadout activities adjacent the bulkhead and wharf.



Site Today

Wharf & Bulkhead

Improvements to provide adequate landside and waterside structures for loading and unloading of vessels.



Site Today

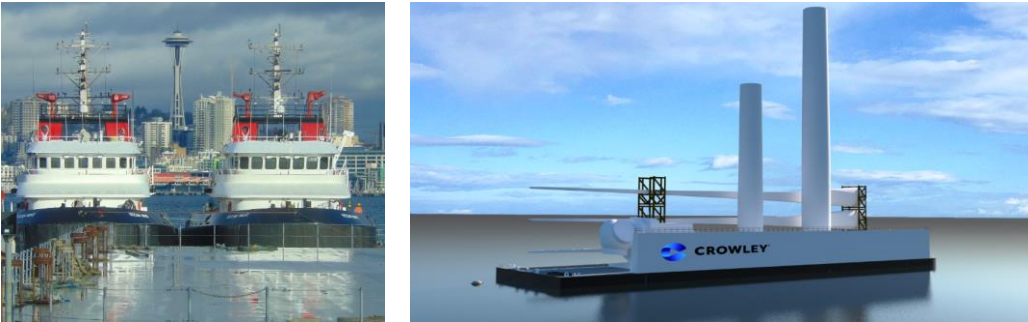


Project Elements

Berths for Vessels

Several berth areas designed to accommodate berthing and moorage of Wind Turbine Installment Vessels (WTIVs) for loadout operations as well as Heavy Transportation Vessels (HTVs) for inbound deliveries.

Examples*



* Illustrative only: Will vary from actual design

On-Site Equipment

Equipment to assist in moving the wind blades and nacelles such as transport vehicles and high-capacity cranes.

Examples*



* Illustrative only: Will vary from actual design

Next Steps

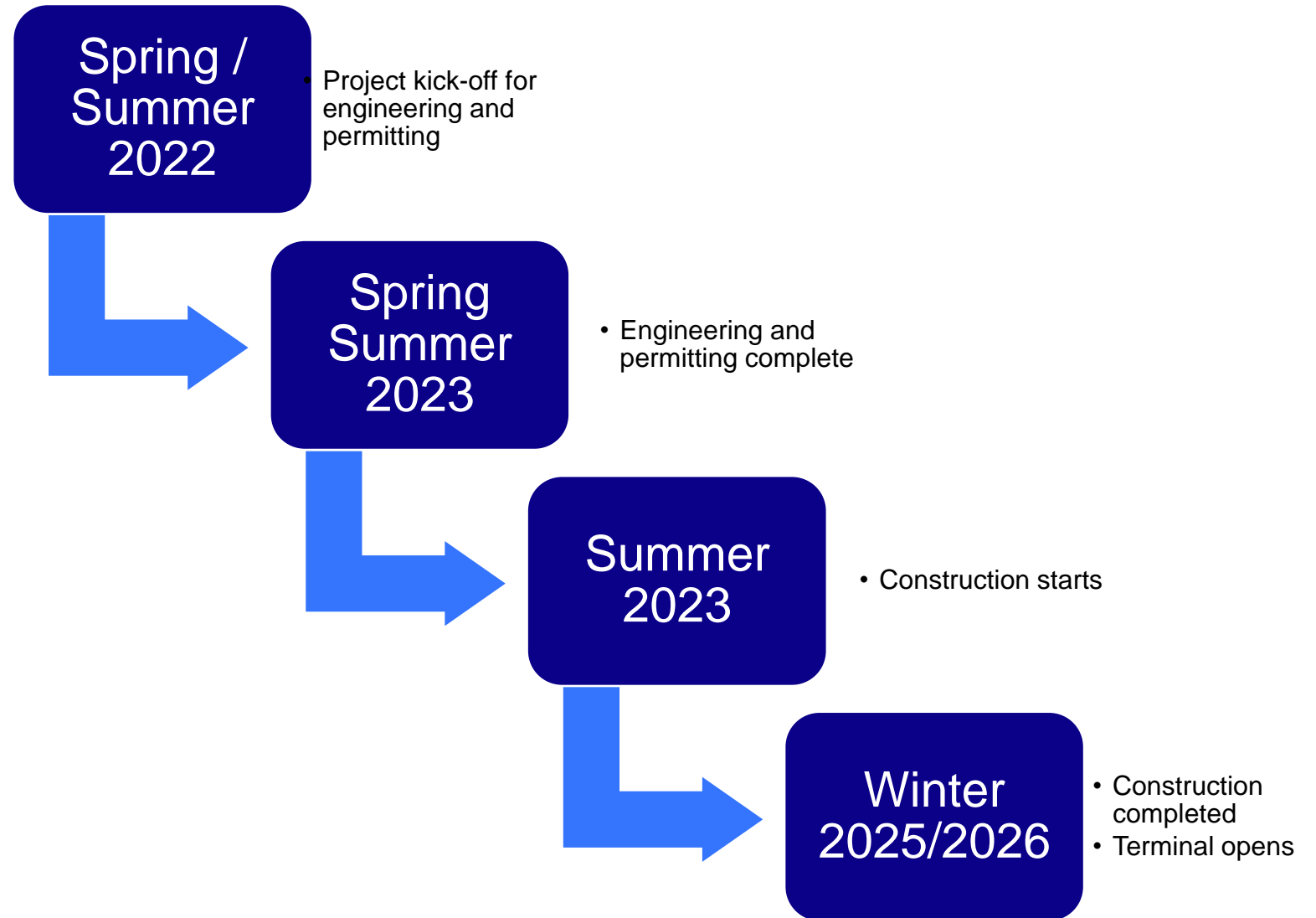
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Online

MEPA Public Comment Portal:

[Mass.Gov - MEPA Public
Comments \(state.ma.us\)](https://www.mass.gov/info-details/mepa-public-comments)

eeaonline.eea.state.ma.us/
EEA/PublicComment/Landi
ng/

By Email:

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Thank You!

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