



SWAMPSCOTT PIER PROJECT

HARBOR & WATERFRONT ADVISORY COMMITTEE

OCTOBER 28, 2021

AGENDA

- Introductions
- History & Current Status of Pier
- Scope of Work
 - Project Goals
 - Milestones
 - Timeline
 - Design Approach
- Q & A
 - Scope of Work
 - Discussion & Feedback on Project Goals



PROJECT TEAM

- Engineering Consultant:
 - McAllister Marine Engineering, LLC
- Lead Committee:
 - Harbor & Waterfront Advisory Committee (HAWC)
- Town Staff:
 - Molly O'Connell, Senior Planner
- Stakeholders:
 - Select Board
 - Conservation Commission
 - Planning Board
 - HDC / Historical Commission
 - OSRPC
 - Yacht Club
 - Fishermen
 - DPW
 - Facilities

HISTORY

- Passed by TM in 1941
- Construction completed in 1961
- Named Williams Town Pier in honor of Tech. Sgt. Albert J. Williams who was killed in WWII
 - Brother of Louis "Lucky" John Williams, legendary Swampscott fisherman

"If you go out, you never know what you'll catch; if you don't go out, you know exactly what you'll catch." - Lucky Williams

CURRENT STATUS



- Not wide enough to serve all users
 - Fishermen, boaters, walkers, kayakers should all be able to use the pier
 - Easier access is needed for emergency services
- Past life-span
- Not prepared for projected storm surge
 - Needs to be raised and strengthened



SCOPE OF WORK

PROJECT GOALS

RESILIENCE

- Raise the pier to address future storm surge projections
- Build in resiliency measures for the historic Fish House

COMMUNITY

- Ensure new Pier serves all users: fishermen, general public, boat owners
- Widen the Pier to allow for emergency access



PROJECT GOALS

ECONOMY

- Ensure new pier serves the needs of Swampscott's commercial fishermen
- Strengthen the Pier to allow for potential future options, such as fingers piers and additional slips

TOURISM

- Promote Town's tourism goals and support Humphrey Street small businesses

SUSTAINABILITY

- Secure and ensure future funding opportunities



MILESTONES/SECTIONS

- Existing Condition Documentation – Site Survey and Bathymetry, Sediment and Soil Sampling
- Preliminary Engineering
- Feasibility Analysis – Basis of Design
- Review Permit Program for Future Timeline
- 4 Public Meetings throughout the Process
- Report to Seaport Economic Council

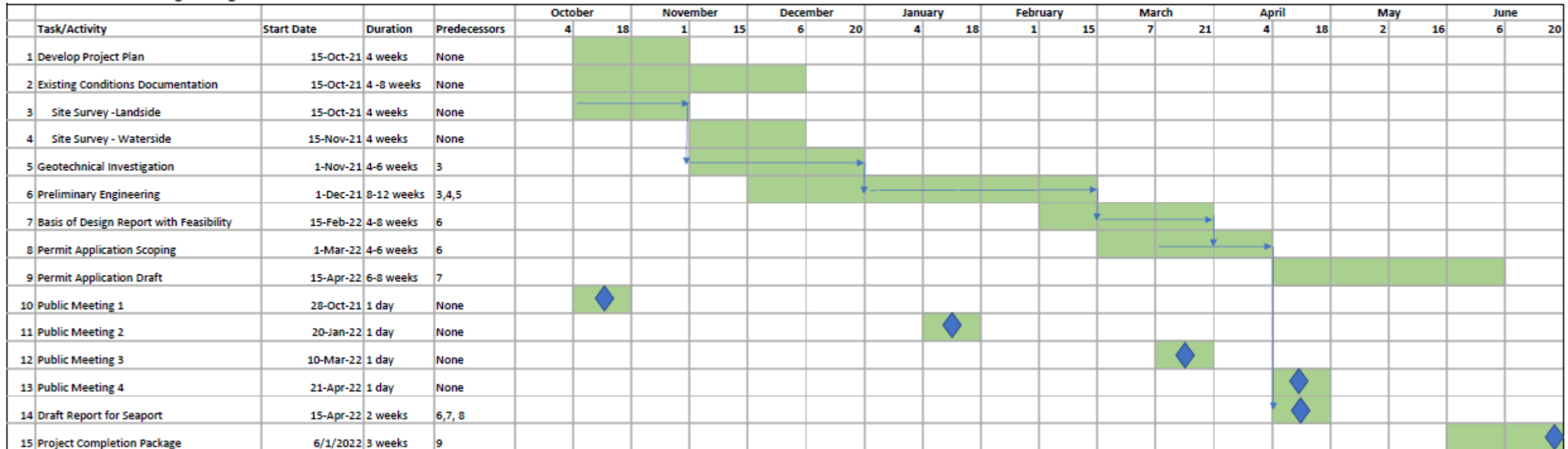


TIMELINE

Swampscott Pier Project

Town of Swampscott

McAllister Marine Engineering



DESIGN APPROACH

BASELINE CONDITIONS

- Understanding what's out there
 - Surrounding topography and bathymetry
 - Soil conditions
 - Site Access

FEASIBILITY

- Given the existing conditions, what are the options
 - Design options, size, layout, materials, etc.
 - Restriction and limitations – codes, regulations, natural resources, etc.



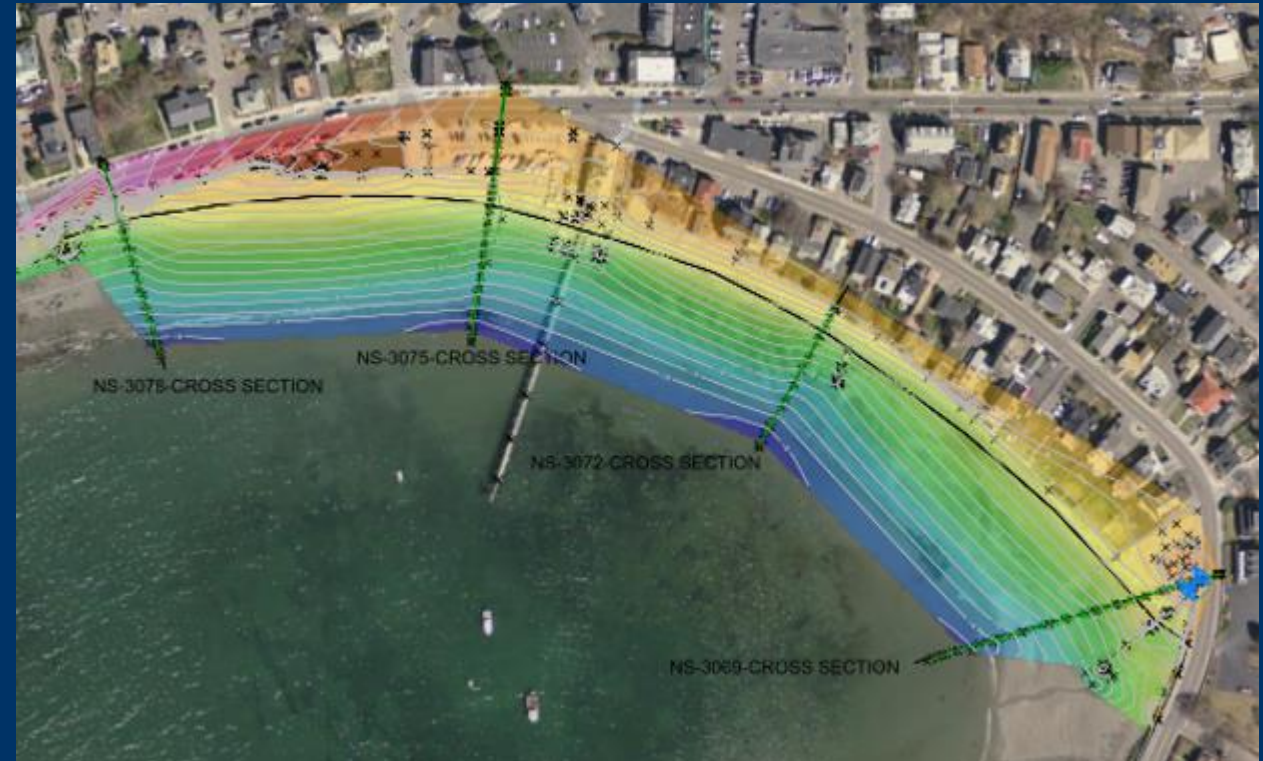
DESIGN APPROACH

ENGINEERING APPROACH

- Design Calculations
 - Data Analysis Gap
 - Cost/Benefit Of Options

PERMITTING APPROACH

- Review Timing And Scope
 - Certain Permits Take Longer
 - Certain Order To Follow
 - Preliminary Review And Discussion With Regulators
 - Incorporate Mitigation, Plan Design Accordingly With Respect To Resources



Q & A

Feedback & Questions on
Project Goals

Feedback and Questions on
Scope of Work

NEXT STEPS

- NEXT MEETING – JANUARY 2022
 - DELIVERABLES FOR MEETING 2
 - Site Survey
 - Soil Borings
 - Project Goal Features
- FOR 3RD MEETING – MARCH 2022
 - ADVANCE FEASIBILITY
 - CONDUCT PRELIMINARY ENGINEERING