

Walk Bridge Program

Manresa Island Online Public Meeting

June 16, 2020



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Housekeeping Items

- ☐ This meeting is recorded.
- ☐ There may be a few glitches, so please bear with us.
We will immediately address any technical difficulties.
- ☐ Please **mute your phone** during the presentation.
- ☐ Please **enter any questions or comments in the chat box**.
We will answer questions at the end of the presentation.
- ☐ CTDOT will accept questions and comments until **July 3, 2020**.
- ☐ Meeting materials are available at **walkbridgect.com**.



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Meet Your Speakers

- Jim Fallon, CTDOT
- Lauren DiGiovanni, HNTB
- Sarah Walker, HNTB



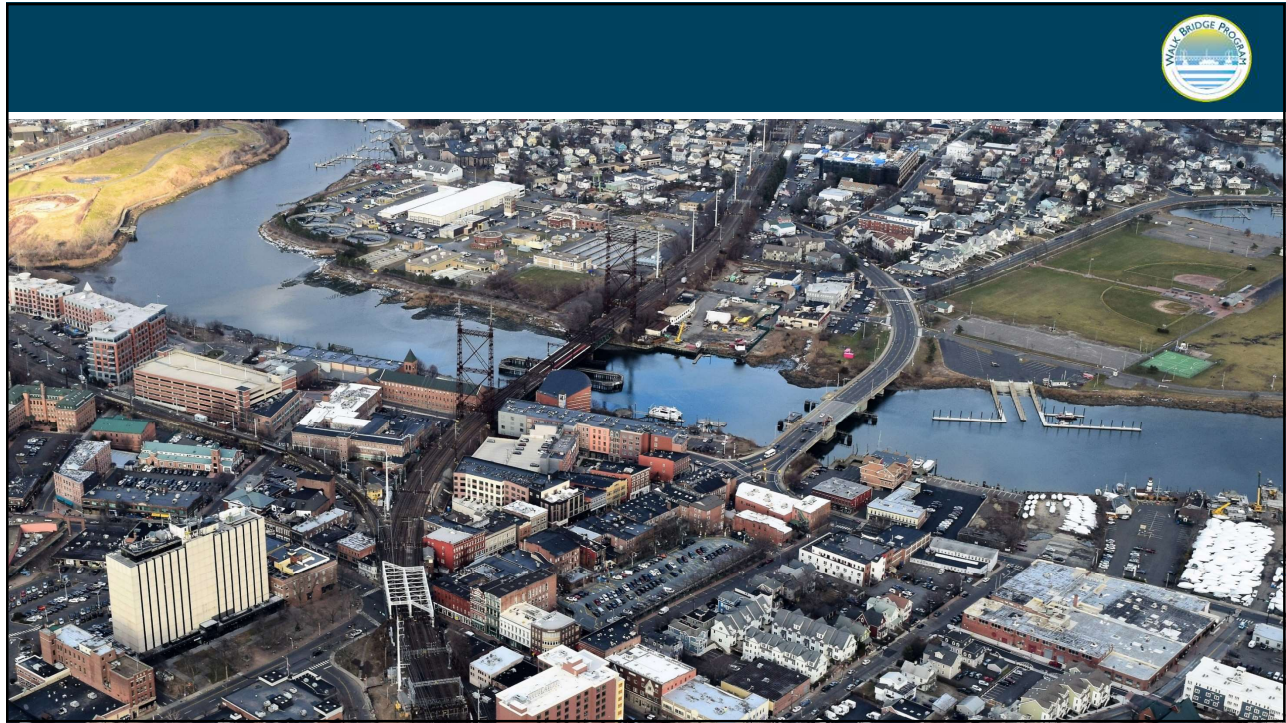
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Meeting Agenda

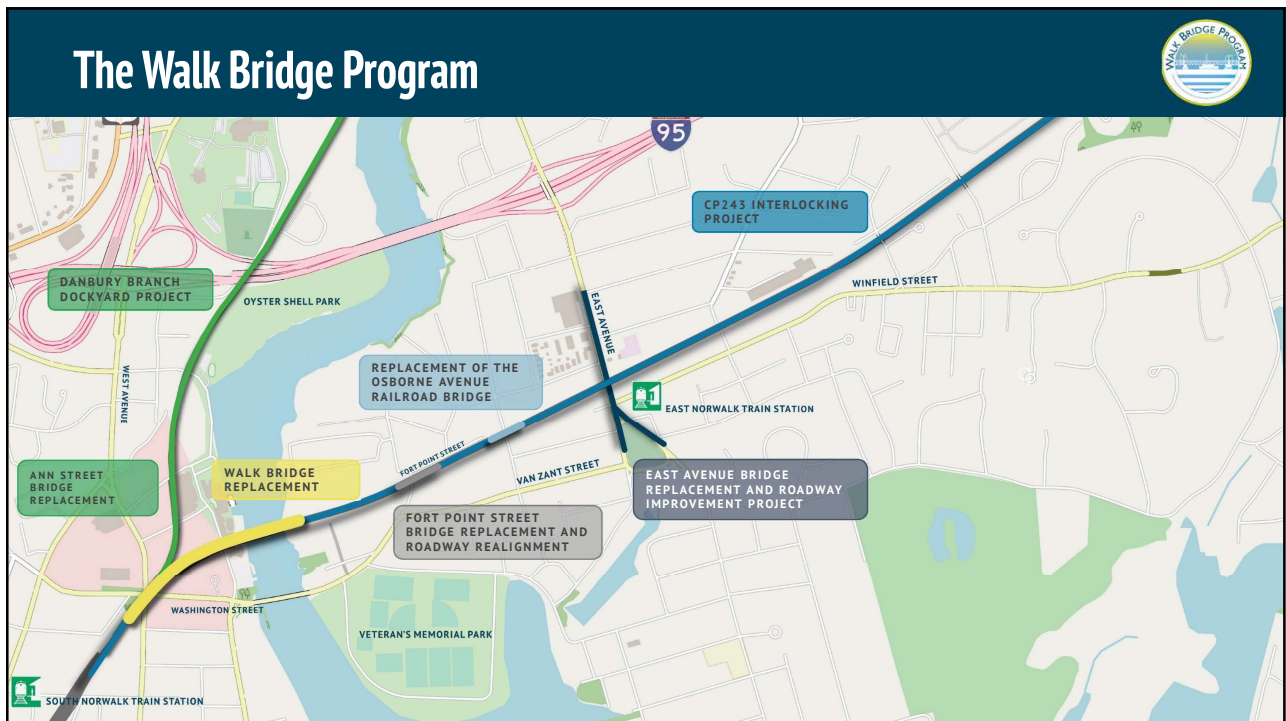


1. Introductions & Meeting Purpose
2. Walk Bridge Overview
3. Proposed Lift-Span Construction
4. Proposed Use of Manresa Island
5. Natural Resources, Navigation & Aquatic Resources, Community
6. Minimization and Mitigation Measures
7. Federal and State Reviews, Approvals and Permits
8. Next Steps
9. Questions and Comments

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Project Overview



Anticipated Duration: Approximately 5-6 years

240' Vertical Lift Span

- Shortest construction schedule
- Lowest risk during construction
- Shortest period of navigation restrictions
- Fewest foundations in water
- Improved alignment with Stroffolino Bridge

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Proposed Lift-Span Construction



Replacement bridge lift spans will be:

- Constructed off-site using accelerated bridge construction (ABC) techniques
- Floated to the bridge site
- Installed in about 96 hours

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Construction Parcels Overview



CTDOT will require parcels for the construction of Walk Bridge for:

- River and rail access and staging
- Equipment and material storage
- ABC - Replacement bridge lift spans construction
 - On site location - 68 & 90 Water Street - initially proposed; less than 0.2 nautical mile from Walk Bridge
 - Off site location proposed in Value Engineering Study; about 2 nautical miles from Walk Bridge
 - Barges used to construct and transport lift spans to bridge site

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Proposed Use of Manresa Island



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Proposed Use of Manresa Island



Northern Parcel (Parcel 5/86/2; 92 acres)

- No construction use;
- Site access only for up to 60 months.

Southern Parcel (Parcel 5/86/1; 33 acres)

- Construction easement for 5-acre Staging and Storage Yard in isolated, previously developed and disturbed area with waterfront access;
- Use for up to 60 months. Active lift span construction for up to 48 months.

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Staging and Storage Yard: Work Area



- Pre-assembly of structural components;
- Full assembly of both lift span trusses before float-in to the bridge site;
- Berthing of safety boat vessels and emergency rescue operations associated with lift span construction;
- Temporary berthing of construction vessels and barges.

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Staging and Storage Yard : Laydown Area



- Storage of construction materials (steel and timber);
- Temporary storage of components from demolition of existing bridge and project site (stone masonry and concrete debris, structural steel members, timber cribbing/pilings).
- No dredged material will be transported to or stored on site.

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Natural Resources



- No freshwater or tidal wetlands exist in staging and storage yard; No impact to intertidal area.
- No adverse impact to 100-year floodplain due to minor fill required for site preparation.
- No impact to groundwater.

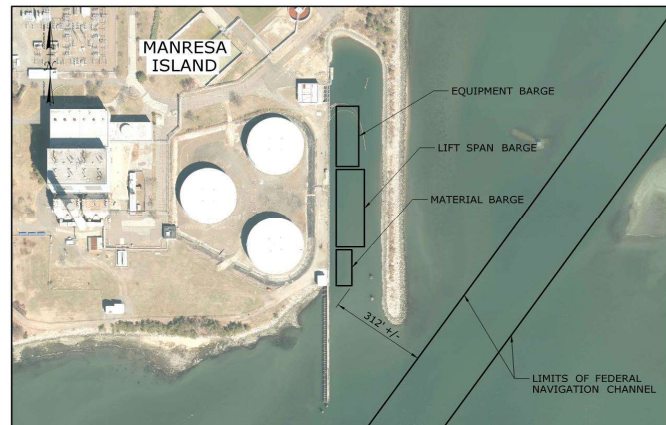


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Navigation and Aquatic Resources



- Equipment and material barges about 300 feet outside of channel ≈ No impact to federal navigation channel.
- Previous aquatic protected species and habitat review included Manresa Island area ≈ No additional impact.
- Spud piles used to anchor barges
- Barge movements ≈ No impact to river bottom or increased turbidity.



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Community



- No impact on existing land uses.
- Restored to pre- construction conditions after project completion.
- Employee traffic approximately 22 round-trips per day (6-day week).
- Truck traffic approximately 3 round-trips per day during peak construction (5-day week; daylight hours).
- Located 0.4 mile from nearest receptor ≈ no perceptible increase in noise.

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Minimization and Mitigation Measures



- ✓ Time of year restrictions and protection protocols for State-listed Species included in permits and contract specifications
- ✓ Six-inch layer of geotextile and stone as a separation barrier from existing Areas of Concern
- ✓ Secure storage of fuels and hazardous materials - Flood Contingency Plan
- ✓ Completely fenced with secure entrance gate

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Federal and State Reviews, Approvals and Permits



- ✓ NEPA and Section 106 Re-evaluation Consultation with FTA for Verification of Project FONSI
- ✓ Coordination with National Marine Fisheries Service
- ✓ Coordination with CTDEEP Divisions of Wildlife & Fisheries
- ✓ CTDEEP Flood Management Certification
- ✓ CTDEEP Structures, Dredging & Fill Permit and Section 401 Water Quality Certification
- ✓ U.S. Army Corps of Engineers Section 404 and Section 408 Permits
- ✓ U.S. Coast Guard Bridge Permit
- ✓ CTDEEP General Permit for Discharge of Stormwater and Dewatering Wastewaters from Construction Activity

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Next Steps



- ✓ Public review comments – through July 3, 2020
- ✓ NEPA Re-evaluation Consultation with FTA for Verification of Project FONSI – August 1, 2020
- ✓ Permit application filings – Summer 2020
- ✓ Final design – Fall 2020
- ✓ Construction start – Fall 2021

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Stay Involved



www.walkbridgect.com



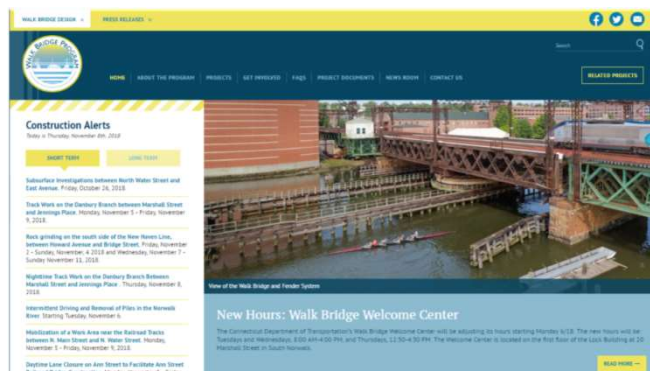
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