Agenda

• Welcome and Introductions
  • Project Team
• Project Goals & Improvements
• Construction Schedule
• Traffic Impacts
• Work Hours
• Questions & Answers
Project Team

MassDOT’s Highway Division
Responsible for providing Resident Engineer Services
Kathryn Barr
Charles Labbee
Katelyn Evans

Town of Brookline DPW
Bridge owner and responsible for funding of design and partial construction
Erin Gallentine
William Smith

Kleinfelder Northeast, Inc.
Responsible for Design
Andre Martecchini

Aetna Bridge Company
Responsible for Construction
Erik Stamp
Mike Carley
Project Goals

To Restore and Reopen the Historic Bridge
- Bridge originally constructed in 1894 – Closed since the 1970s
- Bridge is contributing structure to historic park
- Project linked to Muddy River Restoration Project

To Improve Pedestrian Circulation in the Area
- Provides additional crossing over MBTA “D” Line tracks into Park

To Make the Bridge Universally Accessible
- New ramps added to each end of the bridge

To Make the Bridge Bicycle Friendly
- Bike channels added at stairs
Historic Bridge Photo
Existing Bridge
Existing Bridge
Final Site Plan
Final Bridge configuration
Existing Site Plan and Tree Removals
Existing Site Plan and Tree Removals
What to Expect – 2 Month Look-Ahead

Construction is anticipated to commence in late March
*Please note, Construction sequencing and durations are subject to change without notice and are weather dependent. Schedule updates will be provided throughout the duration of the project.

**Initial Work Sequence: March - April**
- The Contractor will mobilize to the project
- Survey/Layout & Digsafe™ (Utility Notifications/Mark-outs)
- Installation of environmental controls, tree protection as well as tree trimming and tree removal
- Installation temporary fence perimeter around work areas North & South sides of bridge
  - North side: Corner of Carlton St & Colchester St & Carlton Path
  - South side: Near Emerald Necklace path to the North of Longwood Sta.
- Closure & detour of Carlton Path via Monmouth Ct & Monmouth St
- Installation of Preliminary test pit and soil boring investigations
- Occasional police details & alternating traffic at the corner of Carlton St & Colchester St
- Emerald Necklace to remain open to pedestrians
Pedestrian Detour

Carlton Path Closed

Construction Access Gate
What to Expect – Spring 2021

Work Sequence: April - May
• Carlton Path to remain closed to pedestrians and detoured via sidewalks along Monmouth Ct & Monmouth St
• Emerald Necklace to remain open to pedestrians and emergency services during Spring construction.
• Majority of work is contained within the temporary fence perimeters North & South of the footbridge:
  – Demolition of pathways and sidewalks leading up to the footbridge
  – Emerald Necklace main pathway to remain unmodified until a later date in the project
  – Shielding of MBTA facilities within the Right-of-Way (ROW)
  – Preparation & shoring of the footbridge truss and staircase structures for removal
  – Regrading of the South approach to the footbridge for placement of crane
• Expect heavy equipment entering and exiting the work areas via:
  – North side of footbridge: South end of Monmouth Ct thru gate at MBTA ROW fence
  – South side of footbridge: Emerald Necklace Path between Park Dr. and the work area North of Longwood Station
What to Expect – Summer 2021

**Work Sequence: June - September**

- Carlton Path to remain closed to pedestrians and detoured via sidewalks along Monmouth Ct & Monmouth St
- Footbridge and staircase removal by crane is anticipated to take place in a single weekend operation in June 2021.
  - The bridge structure will be removed by crane and transported out of the work area on flatbed trailers exiting via Emerald Necklace to Park Dr for rehabilitation in an off-site facility.
  - Emerald Necklace to be temporarily closed to pedestrians on the North side of the Muddy River during this weekend operation. Pedestrians will be detoured via the pathway along the South side of the river between Park Dr and Longwood Station.
  - MBTA D Green Line service to be modified with substitute bussing during weekend outage.
- On-site work contained **within** the fenced work areas through the summer:
  - Demolition of existing bridge footings
  - Excavation and installation of piles and new concrete bridge footings
  - Start of installation of steel ADA ramps structures
- Continue to expect heavy equipment entering & exiting the work areas via Monmouth Ct and Emerald Necklace at Park Dr.
What to Expect – Fall 2021

Work Outlook: Fall 2021

• Carlton Path to remain closed to pedestrians and detoured via sidewalks along Monmouth Ct & Monmouth St

• Rehabilitated footbridge and staircases to be reinstalled in a weekend operation in late Fall 2021. Short term weekend closure of Emerald Necklace Path and bus diversion of the D Green Line to be in effect similar to bridge removal operation.

• On-site work contained within the fenced work areas through the fall:
  – Completion of new bridge footings
  – Installation of new steel ADA ramps structures
  – Decking of the reinstalled bridge and staircase structures
  – Installation of lighting systems on bridge and pathways

• Continue to expect heavy equipment entering & exiting the work areas via Monmouth Ct and Emerald Necklace at Park Dr.
What to Expect – Winter to Spring 2022

Work Outlook: Winter into Spring 2022

• Final grading of South approach to bridge near Emerald Necklace Path
• Final paving and concrete of pathways and sidewalks North and South sides of bridge
• Asphalt overlay of Emerald Necklace Path from the footbridge to entrance at Park Dr.
• Site restoration and landscaping
• Continue to expect heavy equipment entering & exiting the work areas via Monmouth Ct and Emerald Necklace at Park Dr. throughout these operations.
• Carlton Path to remain closed to pedestrians and detoured via sidewalks along Monmouth Ct & Monmouth St during final construction efforts. Once restoration work is completed on the North side of the bridge, Carlton Path will be reopened to pedestrians.
• Final opening of the Carlton St Footbridge to pedestrians TBD with MassDOT District 6.
Traffic Impacts

• Police details will be utilized as needed to maintain safe and convenient travel for the public during construction.
• Two-way traffic will be maintained on Carlton St and Colchester St. One-lane alternating traffic will be occasionally utilized to safely access and deliver materials and equipment to the North side of the work area (as approved by MassDOT and in coordination with the Town of Brookline).
• Driveway access will be maintained for homeowners and businesses. If a driveway needs to be closed for construction, the property owner will be notified.
• Pedestrian and Bicycle access will be maintained except where required for the work to progress safely (long-term closure of Carlton Path and short-term closures of Emerald Necklace).
• Work will largely be contained within the fenced areas to the North and South of the footbridge. Trucks and heavy equipment will be accessing these work areas via Monmouth Ct. and Emerald Necklace at Park Dr.
MBTA Impacts

- The majority of work activities will be performed within the fenced work areas and outside the MBTA Right-of-Way (ROW) during normal working hours and will have no impact to D Line service.
- **Work within the right-of-way will be coordinated with the MBTA so as not impact D Line service:**
  - Work not impacting the tracks performed during normal working hours (7:00am – 3:30pm) utilizing flaggers and/or protective barrier as permitted by MBTA.
  - Work impacting/directly over tracks performed during non-revenue hours (1:30am – 4:30am) while trains are not operating as scheduled with MBTA.
- **Bridge removal and bridge reinstallation will require Level 1 Protection (exclusive access, trains stopped) during each weekend operation.**
  - D Line service will be diverted to bus service in the area of the Carlton St footbridge (between Longwood and Fenway Stations) during each weekend outage.
  - The actual stations impacted to be determined with MBTA.
  - Advanced notification to the public of these diversions will be provided.
Work Hours

• **Typical Work Shift for Normal On-Site Operations**
  • Mondays through Fridays
  • 7:00 AM to 3:30 PM each day

• **Occasional night work over tracks during MBTA non-revenue hours as necessary** 1:30am - 4:30am
  - MassDOT/Contractor will coordinate with Brookline Select Board to obtain variance to noise bylaw and provide notifications to neighborhood/abutters

• **Two scheduled weekend operations for bridge removal and reinstallation. Dates and shift hours to be coordinated with MassDOT D6, MBTA and the Town of Brookline.**
Your Points of Contact

MassDOT and Project Team

To contact the project team for comments, questions, or concerns, email us at Donny.Dailey2@dot.state.ma.us

Town of Brookline DPW - Carlton St. Footbridge Web Site:
https://www.brooklinema.gov/1885/Carlton-Street-Footbridge-Rehabilitation
Questions and Answers

Instructions-

- To comment, please click the “Participants” button at the bottom of your screen, then click the “Raise Hand” button (see below). Kindly wait for the moderator to recognize and call on you before speaking, you will be unmuted at this time.

- If you prefer to type your question in the Q&A box it will be answered in the order received and read out by the moderator to the project team.
- To ask a question via phone, dial *9 and the moderator will call out the last 4-digits of your phone number and unmute your audio when it is your turn.

Please share only one question or comment at a time, limited to 2 minutes, to allow others to participate.