

## Carlton Street Footbridge – Update Feb. 2023

At dawn a few days ago, the north stairway for the Carlton Street Footbridge was trucked from Coventry, RI.

This is the last major component of the historic 1894 bridge over the Riverside "D" line MBTA track which has been restored over the last 1.5 years. Steps, landscaping and pavement will be installed this spring, with opening expected by June.

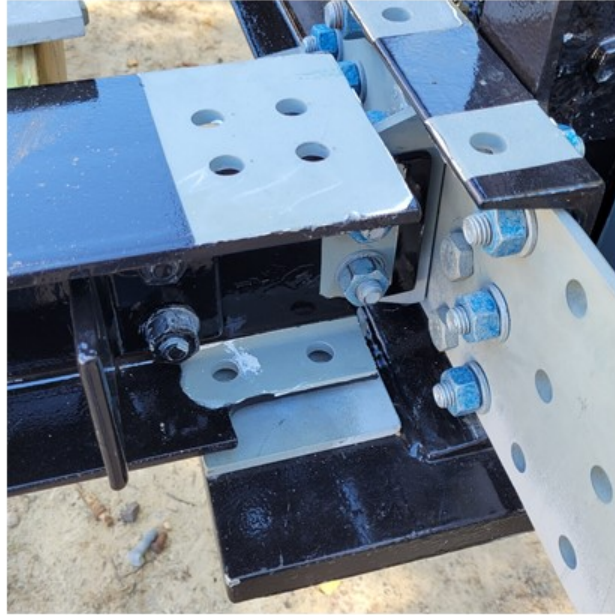
The footbridge was first closed in 1976 for lack of maintenance.

More background: [tinyurl.com/csf-movingday](https://tinyurl.com/csf-movingday)



Main span is lifted high above the oak trees into place. October 2022

See [tinyurl.com/csf-flyingbridge](https://tinyurl.com/csf-flyingbridge) and drone video [tinyurl.com/csf-birdseyeview](https://tinyurl.com/csf-birdseyeview)



Reconstruction is complex. In Coventry RI, all the pieces must be labelled, welded, tested for strength, holes drilled for new  $\frac{3}{4}$ " galvanized bolts, sandblasted to remove rust, primed, coated with an epoxy paint, and a coat of urethane added for weather resistance.

Then it all has to fit when installed on site in Brookline.



Bolts must be installed and "torque tested", indicated here by the blue lines on the bolt heads.



Main span in position awaiting installation of ramps and stairways. This restoration is about 2' higher to meet MBTA requirements. The bridge has been lengthened to accommodate the insertion of 6'-wide ADA ramps on each end,



A large forklift maneuvers part of the north (Colchester Street) stairway into position

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