

Carlton Street Footbridge (CSF) Restoration Update – Sept. 17, 2021

Summer is over, progress continues. Concrete forms on the park side are almost completed.



Project Site Manager for Aetna Bridge Co. double-checks the alignment for the cement steps soon to be poured.



Wooden forms have been constructed for the park side steps.



Rebar (reinforcing bar) is used to increase the tensile strength of the concrete, helping to resist cracking and breaking.



Extensive ramps will be supported by concrete forms which have already been constructed on the park side.



The first of 3 trucks arrives with 10 cubic yards of cement for the park side steps.

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The chute is in place, and the concrete slurry is running. A total of 22 cubic yards will be used for the steps. Excess mixed concrete may be used for Jersey barriers.



Pouring the wet concrete is a team effort – Aetna Bridge Co., MassDOT, and Brookline Engineering all join in the effort.



A concrete vibrator is lowered into the wet concrete. This will remove air bubbles which, if not removed, can compromise the cement's longevity and strength.



“Doka” steel concrete forms will be removed in about a week, exposing the finished 13-foot wide stairway..