

Smith Crossing Pedestrian Bridge Replacement

Edmonton

Spring 2023

Project Update

The Smith Crossing Pedestrian Bridge, located along 23 Avenue, provides access to the MacTaggart and Larch Sanctuaries in Edmonton's river valley system. The existing bridge was built in the early 1900's and has reached the end of its service life.

Construction Activities

Construction on the Smith Crossing Pedestrian Bridge replacement began in November 2022. In January, work focused on removing the existing bridge structure. A crane was used to lift the existing bridge structure off its foundations. The bridge was dismantled into two pieces before being removed off-site. A portion of the original bridge was saved and will be used in the new interpretive sign as a connection to the bridge's history.



During the winter, work also focused on installing the bridge foundations and preparing the site for the new bridge. The abutments (concrete structures that support the bridge) are currently being finished and earthworks will continue through the spring. Meanwhile, the steel bridge truss structure is being fabricated off-site. Once the truss structure is complete, it will be raised into place on the abutments before the concrete deck is poured.

Bridge Design



The last project update in fall 2022 included a rendering of a blue bridge. However, the new pedestrian bridge will be white to blend in with the natural surroundings. While a blue colour was considered as a reminder of the original bridge colour, a light colour is preferred to help the bridge look more natural and fit better into the landscape. This design consideration is also in keeping with the bridge renderings used during public engagement, which showed a light bridge colour.

The project is progressing on schedule. We look forward to welcoming you to the new bridge when it opens in fall 2023.

For information about this project:

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