



## THE PROJECT

Construction will begin this fall on five pedestrian bridges in Mill Creek Ravine which require rehabilitation.

- One trestle bridge (B029 - south) on the upper asphalt trail is being **replaced**.
- Two trestle bridges (B032, B033) on the upper asphalt trail are being **repaired**.
- Two glulam bridges (B198 - central, B200 - north) on the lower gravel trail are being **replaced**.

Each bridge will be fully closed during its rehabilitation and, for safety, trails crossing over or under the bridges will also be closed for the duration of construction. Trails in the east section of Mill Creek Ravine Park will remain open.

Detours are planned for the closed trails. Please see map on the opposite page and visit [Edmonton.ca/millcreekpedbridges](http://Edmonton.ca/millcreekpedbridges) for more information.

Year-round construction has been planned to minimize trail disruptions and user impacts as much as possible. Tree removal will take place in August 2017 and construction is expected to begin in October 2017 to be complete by summer 2018.

Trees entangled with the bridges and within 5 m of the bridges will be removed prior to construction, as well as a few select trees beyond 5 m. This will help maintain the health of the timber bridges as air circulation around the structures is critical to keep the wood dry and prevent rotting.

### Trestle bridge B029

Located on the upper asphalt trail, the bridge will be **replaced** to match the existing structure with a classic handrail style as chosen by the public. The bridge deck will be widened from 3.2 m to 4.2 m to meet current standards and new concrete abutments will be

constructed. Other upgrades include improved structural durability and enhanced approaches.

### Trestle bridges B032 and B033

Two trestle bridges on the upper asphalt trail will be **repaired** while maintaining a historical look. Rotten wood members will be replaced throughout the bridges. Twenty percent of the historic timbers will be salvaged for reuse on the bridges. The bridge decks will be widened from 3.2 m to 4.2 m and new concrete abutments will be constructed. A new classic handrail style as chosen by the public will be included. The bridges' structural durability will be improved and approaches enhanced. Piers will be removed from the creek and replaced with new truss spans. In addition, the bridge head slopes will be stabilized and erosion protection will be improved in the vicinity of the bridge.

### Glulam bridges B198 and B200

Located on the lower gravel trail, the two glulam bridges will be **replaced** and the new bridges will be constructed with concrete abutments and foundations. Both bridge decks will be widened from 2.4 m to 3.0 m and bridge approaches will be enhanced.

## YOUR INPUT

From public input received during 2016, we learned the historical significance of the three trestle bridges (former railway bridges with the Edmonton, Yukon and Pacific Railway) was important to you. Therefore, the bridge designs chosen reflect the authentic look and feel, while improving safety and functionality. Your voice also helped us determine the classic style of the new handrail to be constructed on each of the three trestle bridges.

Your input was also used to help determine staging and detours during construction.



## THE ENVIRONMENT

An Environmental Assessment was conducted as required by The North Saskatchewan River Valley Area Redevelopment Plan (Bylaw 7188) and was presented to City Council this spring.

The assessment described the existing conditions of the project area and, based on potential interactions between the proposed project and the environment, identified environmental impacts and ways to minimize them. Council deemed the existing creek crossings essential and the project is moving forward.

## DETOURS



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