

Southwest Calgary Ring Road

Construction Advisory

March 17, 2017

Start of Elbow River Channel Realignment Works

Activity and Location: As construction commences for the Southwest Calgary Ring Road (SWCRR), KGL Constructors will be starting preliminary works related to the Elbow River channel realignment near future bridge structures. The activity will be completed in accordance with all relevant federal and provincial environmental regulations/acts and using best management practices.

River realignment is a common engineering process that creates a new, permanent water channel. This will allow for the construction of the SWCRR bridges, while minimizing impact to the Elbow River's habitat by providing a bioengineered channel comparable to the river's original path.

This technique integrates living trees, shrubs and grasses together with tree roots, woody debris and rocks to increase the strength and structure of the streambank, while blending into the natural environment.

Work Schedule*:

March 2017	<ul style="list-style-type: none">• Start excavation of new channel<ul style="list-style-type: none">○ Plugs are maintained at both ends to prevent the entry of water○ Elbow River remains undisturbed
March / April 2017	<ul style="list-style-type: none">• Complete bioengineering on new channel<ul style="list-style-type: none">○ Installation of tree revetments and root wads, as well as willow staking○ Bioengineering and riparian planting
April 2018	<ul style="list-style-type: none">• New channel is opened<ul style="list-style-type: none">○ Timed to minimize impact on fish○ A fish rescue will be carried out on the abandoned channel○ Elbow River follows new channel

**This is an estimated timeline and is subject to change*

Work Hours: Monday to Saturday from 7:00 a.m. to 10:00 p.m., and Sundays and holidays from 9:00 a.m. to 10:00 p.m.

The Transportation Utility Corridor is an active construction site and only authorized personnel are permitted in the area.

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