

# Upcoming stormwater system upgrade

## Background

- After the June 2013 Flood, The City of Calgary inspected the Bow and Elbow Rivers and Fish, Nose and West Nose Creeks for damages to outfalls and riverbanks. We identified 161 river outfalls and 53 creek outfalls with damage and have prioritized them for repair. We have completed 75 per cent of outfall repairs.
- This work is beneficial because damaged outfalls can lead to storm drain backups during heavy rainfall events resulting in impacts to both public and private property and the safety of citizens. A damaged outfall could also lead to erosion of our riverbanks and if another flood occurs this could cause damage to infrastructure like pathways, sidewalks, roads and private property.

## What is an outfall?

- Stormwater is rain or snow melt from our roofs, lawns and roadways that enters the storm drains on our streets and travels through an underground pipe system eventually draining into our rivers. The site where the stormwater flows from the pipes and into the river is referred to as an outfall.

## Project details

### Phase One:

- Repairs to outfall **B61** will occur in the community of Westmount, construction will take place on the left bank of the Bow River south of the intersection at Memorial Drive N.W. and 16 Street N.W.
- Repairs to outfall **B62** will occur in the community of Westmount, construction will take place on the left bank of the Bow River south of the intersection at Memorial Drive N.W. and 17 Street N.W.
- Repairs to outfall **B75** will occur in the community of Parkdale, construction will take place on the left bank of the Bow River south of the intersection at Kensington Road N.W. and 25 Street N.W.

### Phase Two:

- Repairs to outfall **B73** will occur in the community of Parkdale construction will take place west of the intersection at Memorial drive N.W. and Crowchild Trail N.W.
- Repairs to outfall **B74** will occur in the community of Parkdale, construction will take place on the left bank of the Bow River west of the Memorial Drive N.W. and Crowchild Trail N.W.
- Repairs to outfall **B74A** will occur in the community of Parkdale, construction will take place on the left bank of the Bow River southwest of the Memorial Drive N.W. and Crowchild Trail N.W.
- Repairs to outfalls **B77/78** will occur in the community of Parkdale, construction will take place on the left bank of the Bow River southwest of Parkdale Blvd. N.W. and 26 Street N.W.
- Repairs to outfall **B79** will occur in the community of Parkdale, construction will take place on the left bank of the Bow River south of Parkdale Blvd. N.W. and 27 Street N.W.
- Repairs to outfall **B68** will take place on the right bank of the Bow River 500 metres downstream of Crowchild Trail bridge
- Repairs and relocation of outfall **B69** will take place on the right bank of the Bow River approximately 300 metres downstream of the Crowchild Trail S.W. overpass.

## Construction Impacts

- Construction vehicles, equipment and a small lay-down area for supplies will occupy the green space along the river and pathway. It will be fenced off.
- Pathway detours are required to complete this work. (see attached detour map).
- Work will be done from 7:00 a.m. until 7:00 p.m. for the durations indicated on the detour map.

# Pathway Detour Map

