



# Brevoort Park South – Flood Control Strategy

*Engagement Summary*  
December 7, 2023



## Background

As part of the City of Saskatoon's [Flood Control Strategy](#), storm water infrastructure improvements are proposed for Brevoort Park South to mitigate the flood risk near the intersection of Early Drive and Tucker Crescent during major rain storms or substantial snow melt.

The purpose of this engagement was to inform nearby residents of the project and associated construction impacts, and to gain feedback regarding the draft design for the Brevoort Park redesign that would include underground storage that would operate similarly to a dry pond.

Two plans for redesign were presented for feedback. The storm water storage in Plan A, which is Administration's preferred plan, involves 100% underground storage. However, if the received contract is higher than available budget and is not financially feasible, the City would proceed with Plan B, which involves 83% underground storage and 17% above ground storage (dry pond).

## Marketing

Engagement opportunities were promoted through mailouts to the surrounding area and through communications with the Community Association.

An [Engage page](#) for the project was posted on the City's website. The page included project information including a recorded presentation, links and promotions for engagement activities, project timeline, and contact information for the project team.

## Engagement Results

An online survey was posted on the Engage page and remained open for responses from September 20, 2023 through November 30, 2023. In total, there were 18 responses. A public information session for nearby residents was held on November 20, 2023 with 27 attendees.

## Online Survey

For the online survey, an overall project description and descriptions and renderings were provided for Plan A and Plan B. Respondents were then asked the following questions:

1. What do you like about Plan A?
2. Please let us know any concerns you have with Plan A.
3. Do you have any suggestions for us to consider for the design of Plan A.
4. What do you like about Plan B?
5. Please let us know any concerns you have with Plan B.
6. Do you have any suggestions for us to consider for the design of Plan B.

Comments from the 18 survey responses included:

### *Plan A*

- A general preference among respondents for Plan A because the park would be restored more closely to its current state and there would be no storm water pooling in the park.
- Keeping the surface level flat will be better for recreational use and will be simpler to maintain.
- Concern with tree removal, but recognition that Plan A has less impact on trees than Plan B.

- Would like flooding around Phillips Crescent and Taylor Street to also be addressed as part of this project. Recognition that is the more expensive of the two plans.

### *Plan B*

- The slope of a dry pond could be an interesting feature / used for winter activity.
- Perception that Plan B would more effectively mitigate surface flooding (e.g., flooding in Phillips Crescent, puddles in nearby alley).
- Concern with more trees removed than Plan A.
- Concern with surface pooling in the dry pond (e.g., potential hazard, mosquito nesting).
- More challenging to maintain the grass on a slope.
- Perception that the dry pond would make portions of the park less usable (e.g., picnicking, dog walking).

### *General Comments*

- Concern the plans are not enough added capacity to adequately address flooding.
- Concern that the underground storage would eventually fail.
- Concern with tree removal.

## **Public Information Session**

There were 27 attendees to the public information session held at Brevoort Park School on November 20, 2023.

Questions and comments received during the session included the following:

### *Supportive Comments*

- Flooding has been ongoing concern in the area, excitement about flood mitigation project being constructed.
- Support for proposed designs of both options for stormwater storage in Brevoort Park South.

### *Concerns / Questions*

- Complaints were received about how the test pits dug in November 2023 were not satisfactorily filled.
- Questions as to why Brevoort Park South was selected for this project instead of Brevoort Park North. Comments about how this was communicated and how communication will improve going forward.
- Why did it take the City so long to get to this project?
- It doesn't seem like the storage will be large enough to make an impact on flooding conditions. Can we add more storage to the existing plan to go above the 1:10 year storm? Have we considered lowering the underground storage and pumping stormwater?
- Concerns about bringing storm water into this park. Could it make the ground water conditions worse?
- Concerns about the constantly wet lane in the southwest corner of the park and if this project could remedy the problem.
- There were quite a few comments about old trees that were lost in the southwest corner and never replaced when a plow wind came through years ago.
- Concerns about existing perimeter trees and how close the excavation will be to them. How can we guarantee these trees will not be damaged?

- Comments about replacing large established trees with much smaller new trees. Will the new trees be cared for/watered so they can establish?
- Concerns about the slopes in the park with the hybrid option (Plan B).
- If the costs will come in high, will the dry pond component need to be expanded to take over the football field area? Have we looked at storage within the ROW?
- Concern about the potential for odour issues with air being released from the underground storage when water rushes in.
- Concerns about vibration when the project is being constructed.
- Concern about how long the underground storage will last. Will it eventually crack and fail, will tree roots cause damage, is it watertight?
- Questions about how storm water storage will operate since park elevation is significantly higher than intersection elevation. Will a pump be required?
- Questions about the proposed storm sewer size, and why a pipe larger than 1,500 mm couldn't be constructed in the project.
- Concerns about roots being excavated beyond the drip line of trees / belief that trees should be protected for a further distance than the drip line.
- Questions about potential damage to private property trees as a result of construction.
- Concerns about injury/drowning in the dry pond when full of water if there is no fence surrounding it.

## Next Steps

Public feedback received will be considered in the finalized design for the Brevoort Park South redesign.