



**City Council Work Session
Tuesday, July 1, 2025 at 6:00 PM
Public Meeting Room**

AGENDA

- 1. Call to Order**
- 2. Items for Discussion**
 - A. Woolen Mills Dam Discussion
- 3. Future Discussion**
- 4. Adjournment**

(The Council may meet as a group for dinner)

Please contact the City Administrator's Office if you need special accommodations while attending this meeting.

Para pedir este documento en otro idioma, envíe un correo electrónico y adjunte el documento a accessibility@faribault.org.

Si aad u codsato dukumeentigan oo ku qoran luqad kale, fadlan e-mail u soo dir oo ku soo lifaaq dukumiintiga accessibility@faribault.org.



Council Work Session Memorandum

TO: Mayor and City Council
THROUGH: Jessica Kinser, City Administrator
FROM: Mark DuChene, Director of Engineering (City Engineer)
MEETING DATE: July 1, 2025
SUBJECT: Woolen Mills Dam Discussion

Discussion:

On June 11, 2025, during the monthly Council Chat, the City hosted an open house meeting for the public to review and discuss the conceptual options for the replacement of one or both of the Woolen Mill Dams. After the open house, the City hosted an online survey through Polco. This survey included the materials presented at the open house. During both the open house and the survey, interested parties were allowed to "vote" for the concepts that they liked the most as well as identify the design considerations most important to them.

At the work session, staff will present the results of the public input in an effort to have the Council to provide direction on what two alternatives the Council would like to see the City's consultant, Barr Engineering, complete feasibility reports on. The resulting feasibility reports are intended to guide the City in pursuing funding and developing an eventual capital project.

Attachments:

1. Woolen_Posters_v1
2. Polco Survey Question - Dam
3. Open House Votes

What design considerations matter to you? **Vote here!**

Please review the various design alternatives displayed around the room. Once you've identified aspects of the designs that are most important to you, use the provided stickers to mark your choices as indicated on this board. Your feedback will help us understand the preferences and priorities of the community.

Required components

- Mitigates hydraulic rollers
- Meets estimated inflow design flood (IDF)
- Addresses historical seepage at south spillway north abutment



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Considerations



Place a sticker next to the design consideration that is **most important to you**.

Low maintenance	
Passive operation	
Fishing opportunities	
Funding opportunities	
Total cost to city	
Public accessibility/enhancement	
Protection of mill property	
Canoe/kayak accessible	
Maintains upstream pool elevation	

Alternative 1: Repair in kind

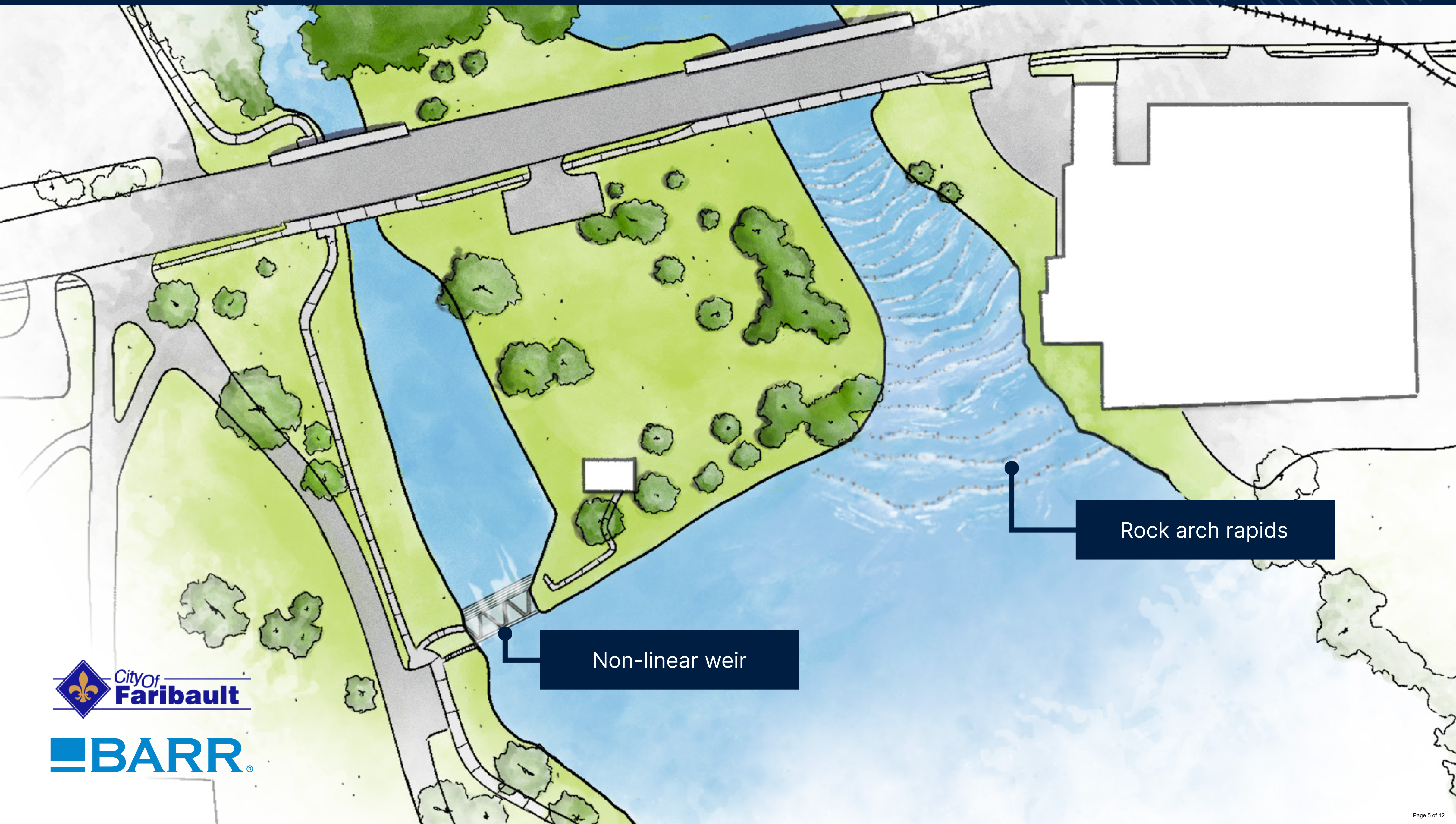
Repair south spillway per FEMA repairs.

Repair of right abutment,
sheet pile cutoff wall with grouting

No change

Alternative 2: North non-linear weir with south rock arch rapids

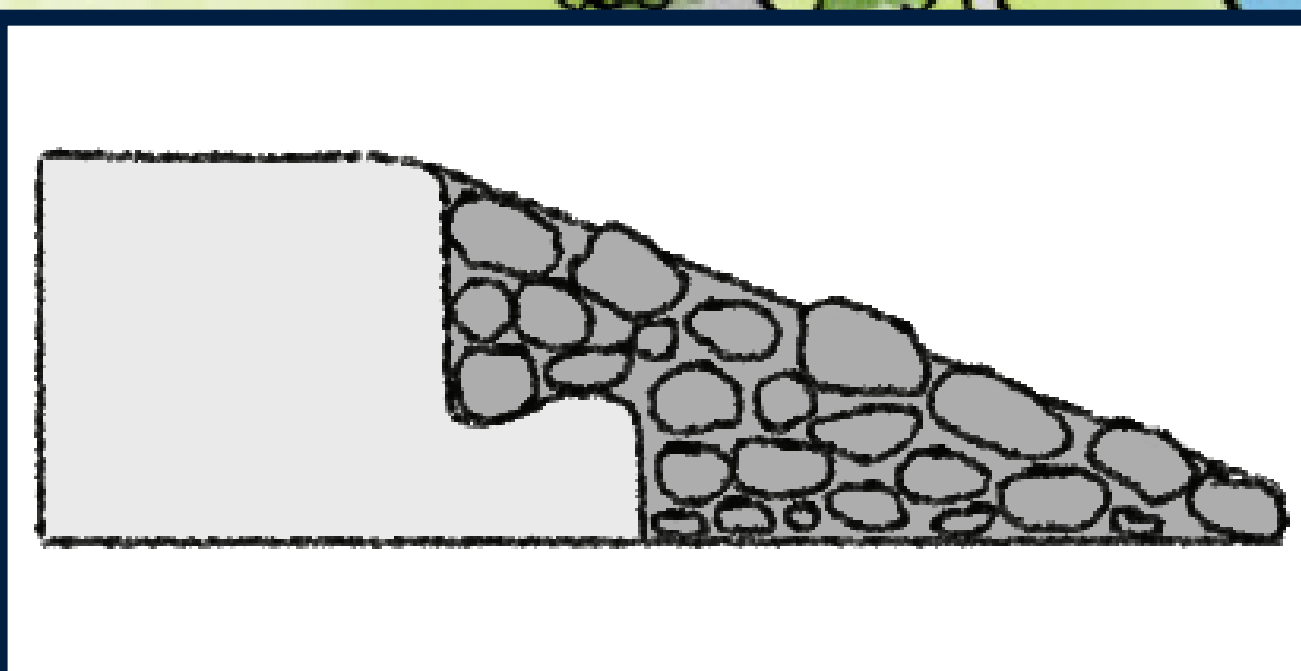
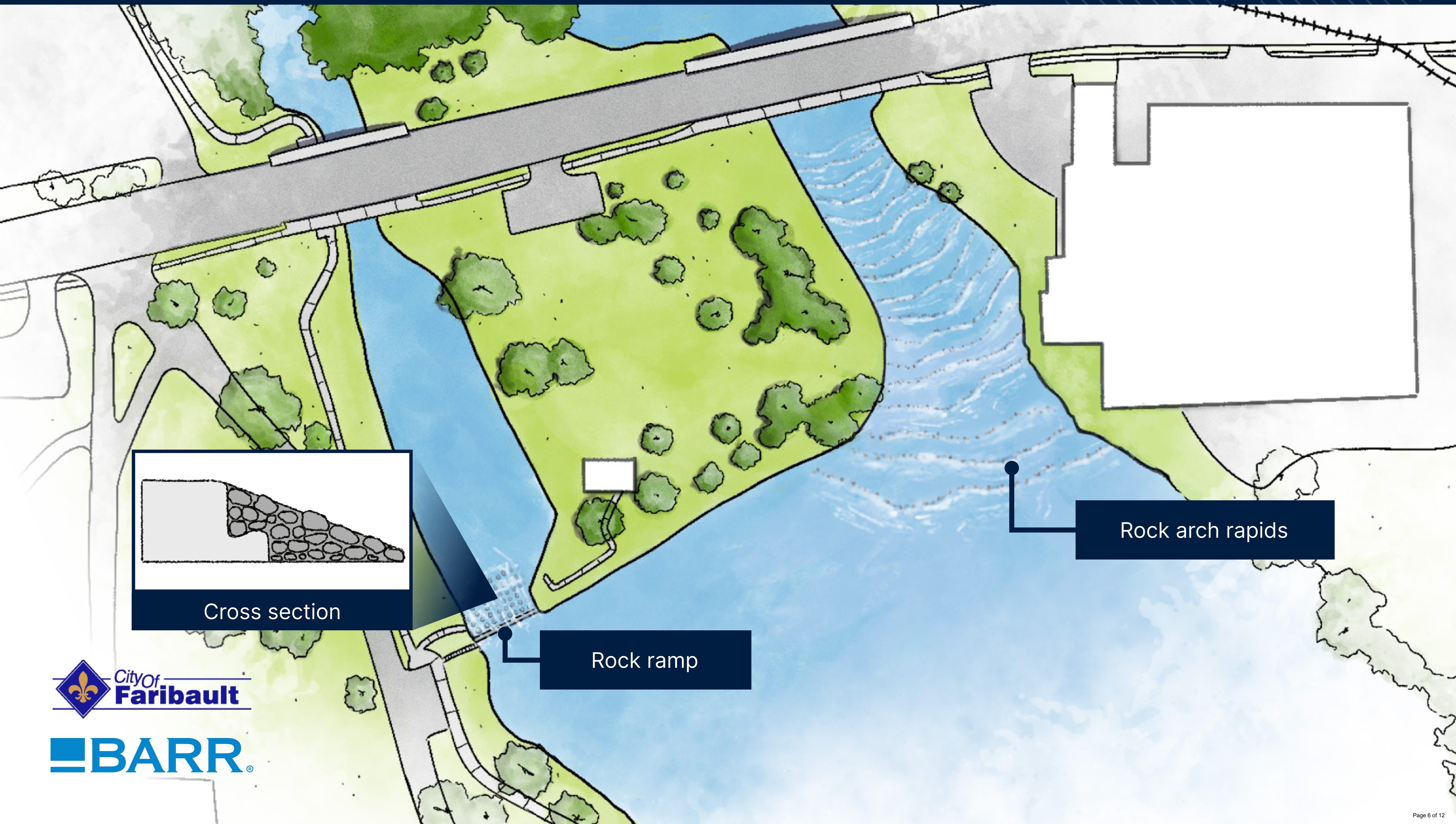
Replace the north spillway with a non-linear weir (piano key, labyrinth, arch).
Replace south spillway with rock arch rapids.



Alternative 3: North rock ramp with south rock arch rapids

Replace the north spillway with a rock ramp downstream of existing weir.

Replace south spillway with rock arch rapids pushed upstream to increase the weir length.



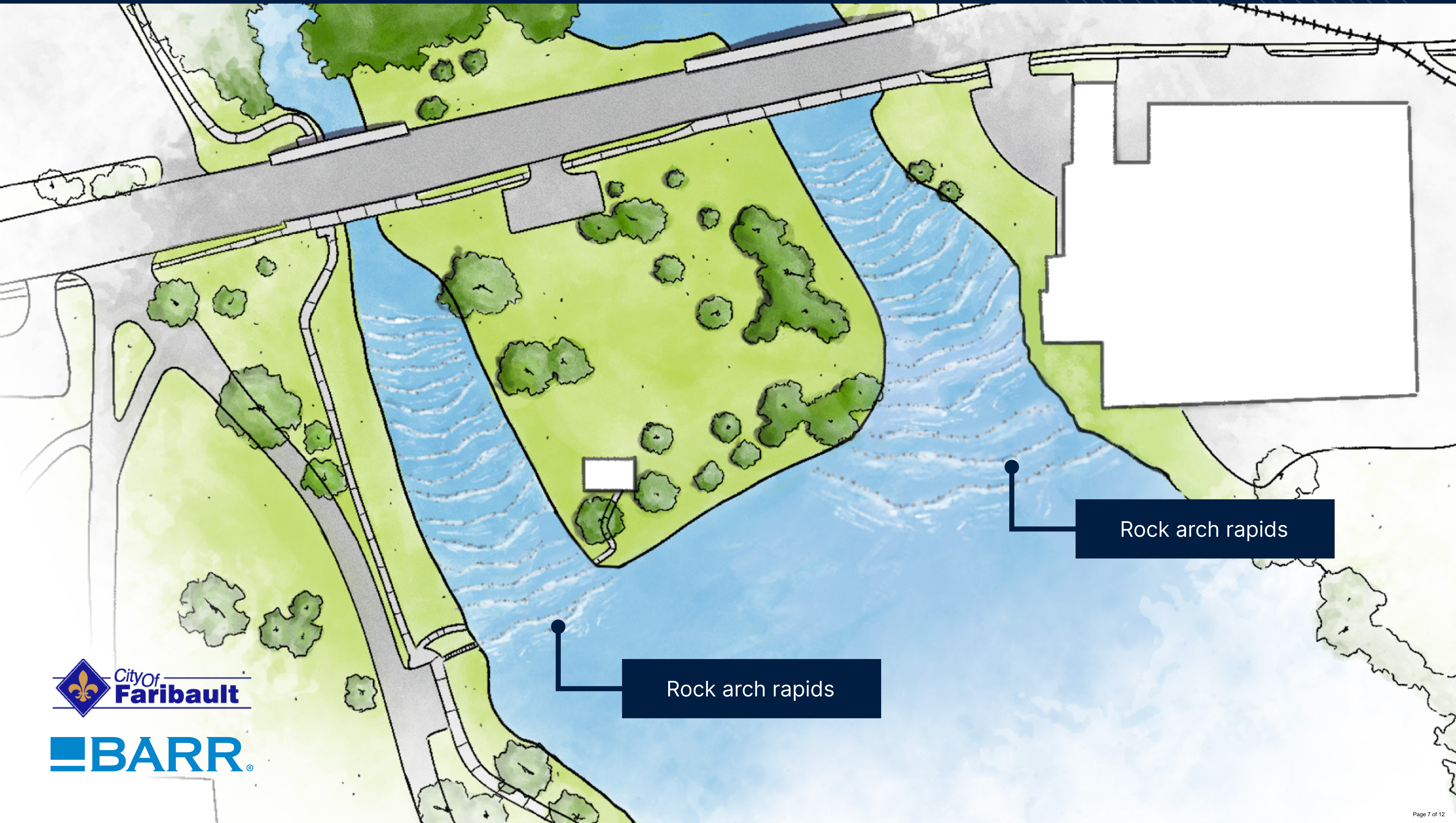
Cross section

Rock ramp

Rock arch rapids

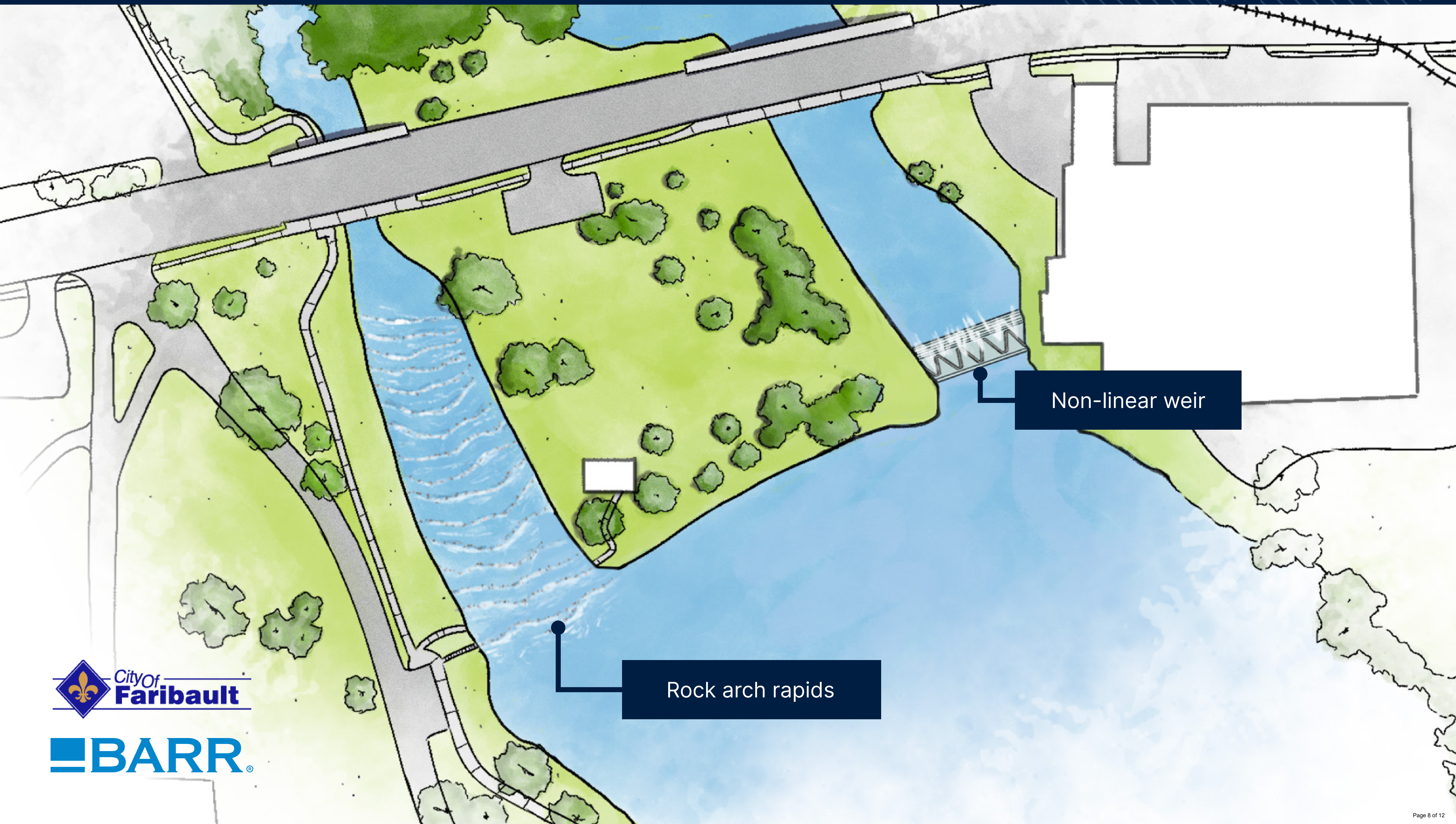
Alternative 4: Both rock arch rapids

Replace both spillways with rock arch rapids.



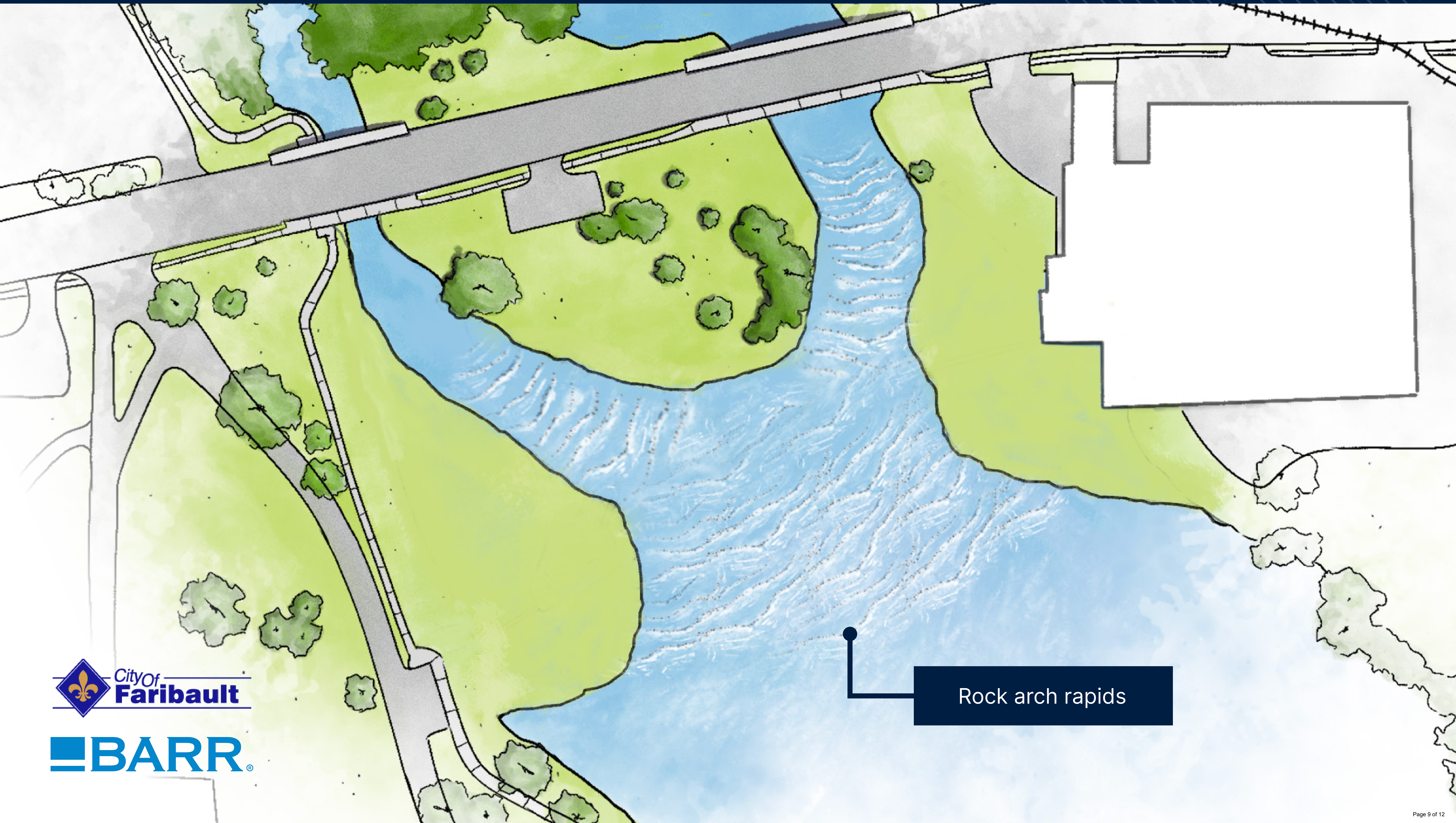
Alternative 5: North rock arch rapids with south non-linear weir

Replace north spillway with rock arch rapids.
Replace south spillway with non-linear weir.



Alternative 6: Both replaced with one center rock arch structure

Construct one rock arch rapids spillway in the center area of the park.



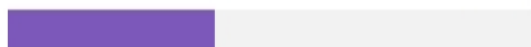
Alternative 7: Both replaced with one center non-linear weir

Construct one center non-linear weir in the center area of the park.

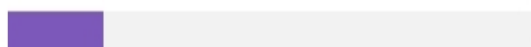


1. Please review the various design alternatives displayed below. Once you've identified aspects of the designs that are most important to you, **please indicate which three considerations are of the most importance to you.** Your feedback will help us understand the preferences and priorities of the community.

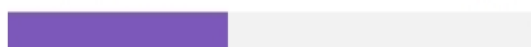
Low maintenance 39% (15)



Hands-off system (no controls) 18% (7)



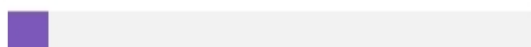
Fishing opportunities 42% (16)



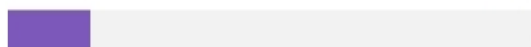
Aquatic habitat 74% (28)



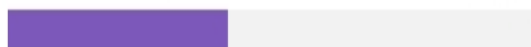
Funding opportunities 8% (3)



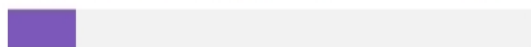
Total cost 16% (6)



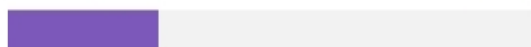
Public accessibility/enhancement 42% (16)



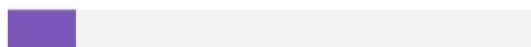
Protection of neighboring properties 13% (5)



Canoe/kayak accessible 29% (11)



Maintains upstream pool elevation 13% (5)



What design considerations matter to you? **Vote here!**

Please review the various design alternatives displayed around the room. Once you've identified aspects of the designs that are most important to you, use the provided stickers to mark your choices as indicated on this board. Your feedback will help us understand the preferences and priorities of the community.

Required components

- Eliminates or reduces dam drowning hazards
- Meets current design requirements
- Addresses historical seepage at site



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Considerations



Place a sticker next to the design consideration that is **most important** to you.

Low maintenance	
Hands-off system (no controls)	
Fishing opportunities <i>Assessing Fish Passage?</i>	
Funding opportunities	
Total cost	
Public accessibility/enhancement	
Protection of neighboring properties	
Canoe/kayak accessible	
Maintains upstream pool elevation	