



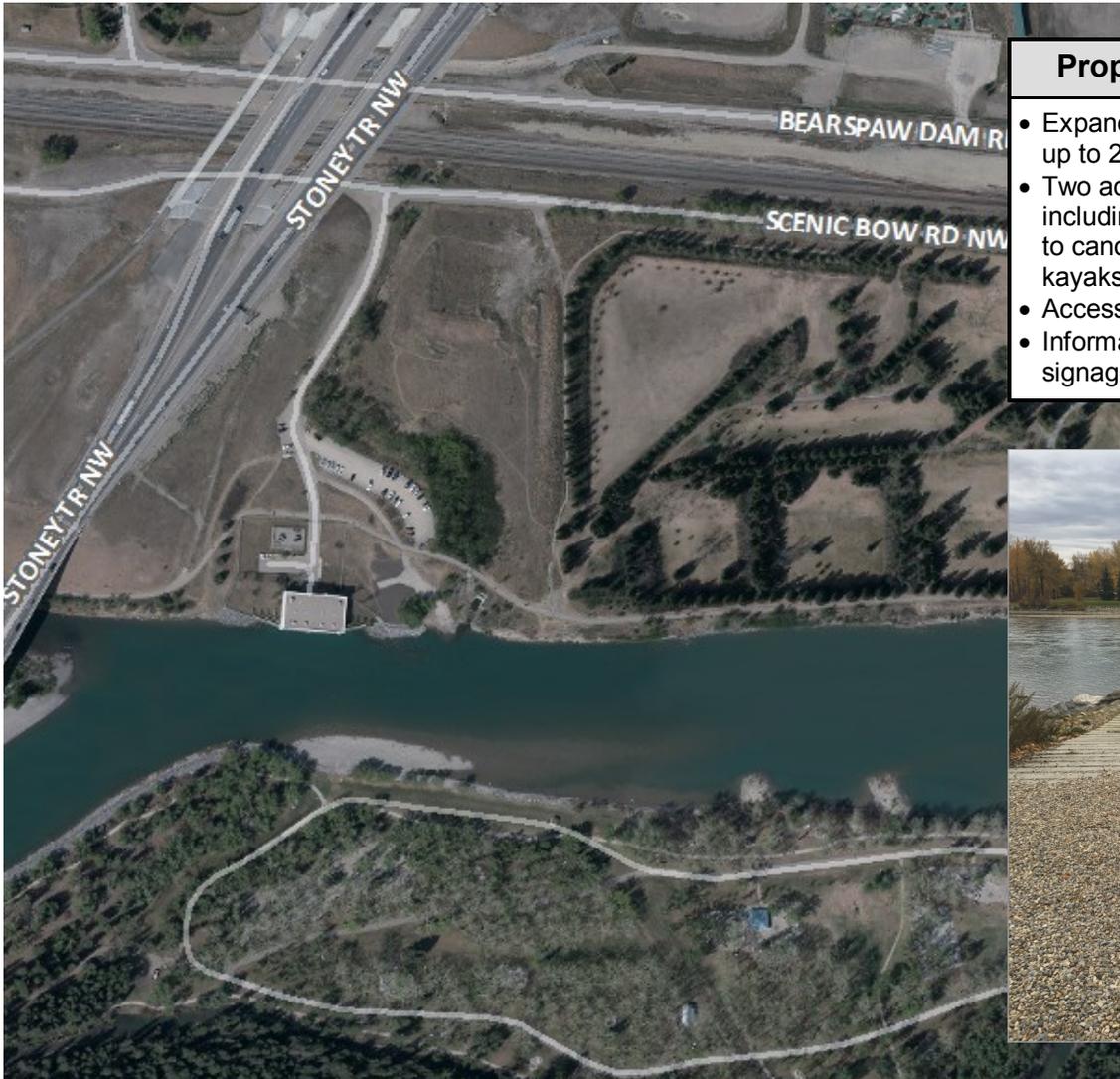
Calgary River Access Strategy — Priority Sites and Proposed Funding

A total of \$7,660,000 (Class 5 estimate) is required to implement all sites within the Calgary River Access Strategy; there is currently no Council-approved budget for implementation.

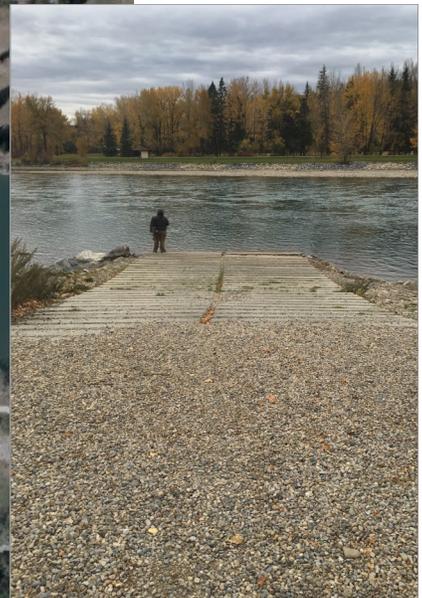
High priority sites have been identified based on safety issues, engagement with river user groups, environmental protection, and accommodation of heavy use and demand on parks or river sites. The Class 5 estimate for the high priority sites is \$1,690,000. The funding proposal outlines areas where The City and the community could work together to leverage funding through grants and corporate sponsorships. The following budgets and project proposals will allow design to begin in 2017, with construction to follow immediately or in 2018 depending on study results and approvals timing.

Proposed Funding					
Priority Sites	Priority Rationale	Class 5 Budget Estimate			
		2017	2018	Total	Proposed Funding Source
West Baker Park (Scenic Bow Rd N.W. under Stoney Tr N.W.)	Demand	\$450,000		\$450,000	Calgary Parks \$325,000 Calgary River Users Alliance \$125,000
Sunnyside (Memorial Dr N.W. at 3 St N.W.)	Safety	\$40,000		\$40,000	Calgary Parks \$ 40,000
Inglewood Bridge (at 12 Street S.E.)	Safety	\$20,000	\$500,000	\$520,000	Infrastructure Calgary \$445,000 Calgary River Users Alliance \$ 75,000
Albert Park/Harvie Passage (Deerfoot Tr S.E. at 17 Av S.E.)	Safety	\$150,000		\$150,000	Infrastructure Calgary \$150,000
Ogden Bridge (Ogden Rd S.E. under Deerfoot Tr S.E.)	Demand	\$450,000		\$450,000	Infrastructure Calgary \$375,000 Calgary River Users Alliance \$ 75,000
Graves Bridge (Heritage Dr S.E. under Glenmore Tr S.E.)	Environment	\$60,000		\$60,000	Calgary Parks \$ 60,000
Educational Signage	Safety Environment Demand	\$20,000		\$20,000	Infrastructure Calgary \$ 20,000
Totals		\$1,190,000	\$500,000	\$1,690,000	Calgary Parks: \$ 425,000 Calgary River Users Alliance: \$ 275,000 <u>Infrastructure Calgary: \$ 990,000</u> TOTAL \$1,690,000

BOW RIVER NORTH: WEST BAKER PARK (Scenic Bow Road N.W. under Stoney Trail N.W.)



- | Proposed Amenities | |
|--------------------|---|
| • | Expanded parking lot adding up to 250 stalls |
| • | Two additional ramps including one ramp dedicated to canoeists, rafters, and kayaks |
| • | Accessible fishing pier |
| • | Information and directional signage |



This site requires significant expansion and improvements to accommodate an increase in users. Once completed, it is expected that this site will also improve congestion across the river at Bowness Park; an expanded parking lot and additional access sites will offer more options for rafters and kayakers that launch from Bowness Park. The area will also provide overflow parking for users of Bowness Park on weekends with implementation of a Calgary Parks shuttle service.

Capital Budget Class 5 Estimate	
Parking Lot	\$150,000
Access and Amenities	\$150,000
<u>Accessible Fishing Pier</u>	<u>\$150,000</u>
Total	\$450,000

BOW RIVER CENTRE: SUNNYSIDE (Memorial Dr N.W. at 3 St N.W.)



- | Proposed Amenities |
|--|
| <ul style="list-style-type: none"> • Stairs to mitigate the steep slope • An opening in the guard rail, or a gate • Additional garbage receptacle |

This popular site is located on the north side of the Bow River, across from Prince’s Island Park at Memorial Drive NW and 3 Street N.W. Existing access from the river to the pathway is steep. Timber stairs are planned at this site to mitigate the steep slope and therefore improve safety. An opening in the guard rail, or a gate, will allow river users to access the pedestrian bridge without entering onto the regional pathway. This will reduce conflicts with cyclists, runners, etc.

Capital Budget Class 5 Estimate	
Access Improvements	\$40,000
Total	\$40,000

BOW RIVER CENTRE: INGLEWOOD BRIDGE (at 12 Street S.E.)



- | Proposed Amenities | |
|--------------------|--|
| • | Ramps for drift boat operators, as well as those able to hand launch |
| • | Short gravel roadway to the river |
| • | Address parking |
| • | Additional benches and tables |
| • | Information signage |
| • | Trees |

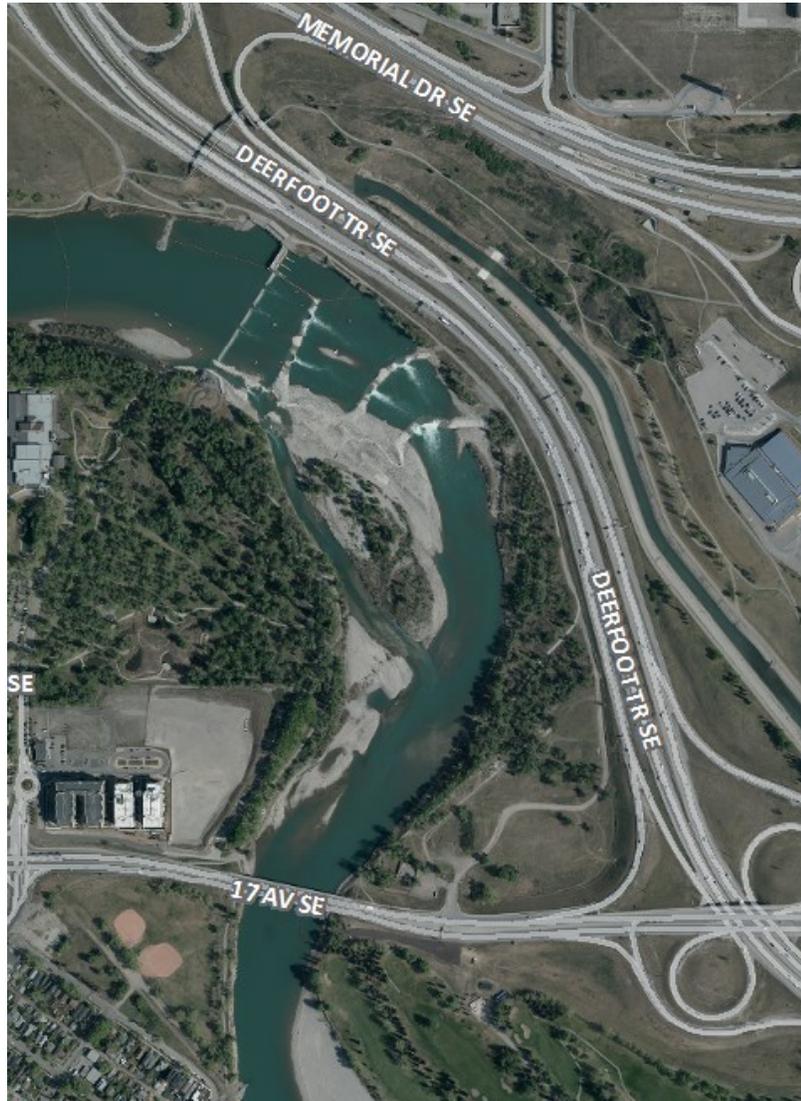
This site is critical as it will be the only egress point for drift boats downstream of West Baker Park before the weir, which will then allow drift boats to access the portion of the Bow river that is upstream of the weir. Without this site, there is a significant safety concern for those river users who were not aware of the weir.

The location of this new boat ramp would be approximately where the current 12 Street S.E. bridge is being removed in Inglewood. This site would require all components of an access site including a launch, signage etc. The existing parking lot would need to be improved or alternate parking offsite would need to be identified.

This work would be coordinated with other business units doing various projects within Inglewood, especially coordinating with the existing bridge replacement.

Capital Budget Class 5 Estimate	
Accessibility Improvements	\$ 70,000
<u>Access and amenities</u>	<u>\$450,000</u>
Total	\$520,000

BOW RIVER CENTRE: ALBERT PARK/HARVIE PASSAGE (Deerfoot Tr S.E. at 17 Av S.E.)



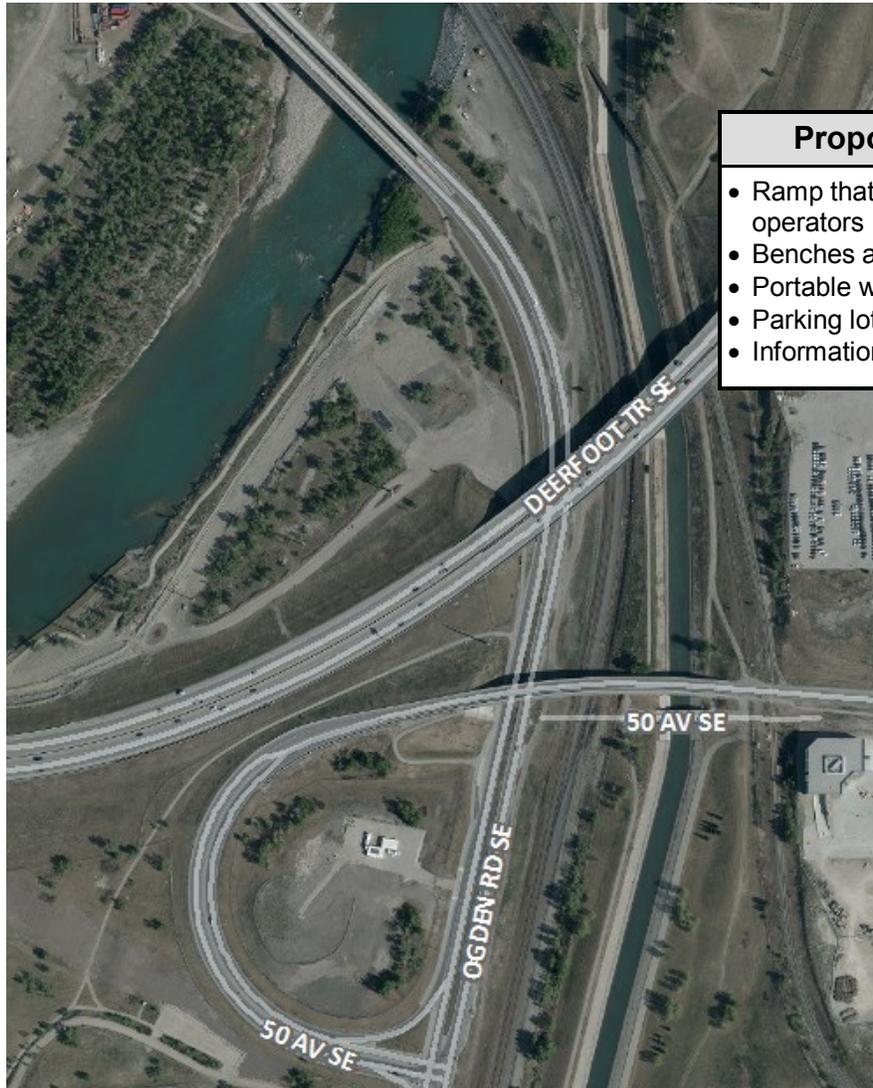
Proposed Amenities
• Feasibility study

With the development of the Harvie Passage, it is expected that this area will become heavily used. A hand launch at this site would provide services for users who may be in and around the weir. More important, this launch allows for a visual sight line of the weir which can help to ensure safety of river users in the area who may run into trouble. The Calgary Fire Department supports the infrastructure proposed as it will provide a proper roadway access to the river during emergency incidents allowing for increased visuals to support on water personnel.

The site would be adjacent to the weir, but would be accessed by 17 Avenue which is a busy road. A comprehensive traffic study is required to determine how a seasonal “right in, right out” access could be safely implemented. Any work done at this site would be done in coordination with other projects within Inglewood, as appropriate.

Capital Budget Class 5 Estimate	
Feasibility Study	\$150,000
Total	\$150,000

BOW RIVER SOUTH: OGDEN BRIDGE (Ogden Rd S.E. under Deerfoot Tr S.E.)



- | Proposed Amenities |
|---|
| • Ramp that allows use for drift boat operators |
| • Benches and tables |
| • Portable washrooms |
| • Parking lot |
| • Information and directional signage |

This site is at the northern tip of Refinery Park and it will alleviate demand for the 17 Avenue launch in Pearce Estate Park, which is currently not open to the public. Currently the park is closed until 2018 for remediation and rehabilitation work. However with proper fencing and safety protocols, the area adjacent to the proposed river access site could be opened early.

Bank stabilization was recently completed in this area and part of this project saw an asphalt pathway built to the river to allow construction access. This pathway could be used as a road for drift boats; the site would only require a flexible concrete mat for launching. Parking would also be available as well as garbage cans, benches, tables, and portable toilets.

Capital Budget Class 5 Estimate	
Gravel road, parking lot, amenities, access from Ogden Road	\$350,000
Ramp	\$100,000
Total	\$450,000

BOW RIVER SOUTH: GRAVES BRIDGE (Heritage Dr S.E. under Glenmore Tr S.E.)



Proposed Amenities
<ul style="list-style-type: none"> • Concrete lock blocks that will prevent vehicular traffic from driving up and down the gravel bar



Prior to the flood there was a boat launch located under Graves Bridge. Following the flood, a large gravel bar was deposited in the area and the launch is no longer directly adjacent to the river. These conditions have led to some misuse of the area, with vehicles accessing portions of the gravel bar that are under Provincial jurisdiction.

To resolve the issues, The City has put forward an initial proposal to the Province where lock blocks would be placed perpendicular to the river in two rows. This would create a direct route to the river for boats and other watercraft. Additional signage would be placed to indicate that the area is environmentally sensitive.

Capital Budget Class 5 Estimate	
Concrete lock blocks	\$ 60,000
Total	\$ 60,000

EDUCATIONAL SIGNAGE



- | Proposed Amenities |
|--|
| <ul style="list-style-type: none"> • Design, construction, and implementation of signage along the river • Printed and digital river map |



As part of the larger education program, and covering the entire length of both the Bow and Elbow rivers, signs could be used to indicate upcoming exits, safety and hazard warnings, restrictions, and general river education. Maps will be created for the river access system, similar to the Calgary Parks and Pathways map. A comprehensive signage plan will inform Calgarians and tourists on available sites and improve overall safety.

Capital Budget Class 5 Estimate	
Signage and maps	\$ 20,000
Total	\$ 20,000