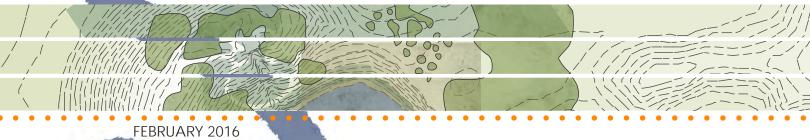
KING'S PARK REGIONAL PARK EXISTING FACILITY REVIEW &

REINVESTMENT STRATEGY







EXECUTIVE SUMMARY

STUDY OBJECTIVES

The objective of this King's Park Regional Park Existing Facility Review and Reinvestment Strategy is to:

- Conduct an "arms length" facilities assessment of the existing park,
- Liaise with City personnel and gain operational insights into the year-round workings and maintenance of the park,
- Collect and review public opinion, wants and desires with respect to the existing conditions and redevelopment potential of the park,
- Identify opportunities and issues for recapitalization, and
- Prepare Class 5 cost estimates for a prioritized reinvestment and renewal strategy.

STUDY METHODS

The park has been walked, mapped and assessed by the Consultant Team. City personnel involved in the operation, maintenance and capital planning for the park were interviewed and closely involved in the study process. Graphic plans prepared for consultation purposes noting opportunities, issues and recapitalization suggestions can been reviewed in Appendix II.

Two public open houses have been hosted by South Winnipeg - St. Norbert Ward City Councillor Janice Lukes and the City of Winnipeg to gather community feedback on the opportunities and issues faced by King's Park. The comments, wants and desires can be found in Appendix III.

FACILITY REVIEW

Over the years, regional-type park features such as the lake, waterfall and informal gardens have fallen into disrepair. The lake is silted from being fed by particle-carrying river water. The lake's shoreline is populated with invasive species such as Flowering Rush. The waterfall is clogged with silt and its pumping and water recycling system is non-functional.

The park's operational staff feel that the three season washroom has approximately five years left of its useful life cycle. Amenities such as pathways, site furnishings and playing fields are in need of renewal. Park wayfinding and directional signage is either non-existent or negative in nature. Typical regional park amenities for family gatherings such as picnic grounds and play features are all but absent. The portion identified as an off leash dog area is well used but unfenced, resulting in a perceived conflict between dog owners and other park users.

Community initiatives such as the Carol Shields Memorial Labyrinth and the Native Prairie Grasses and Wildflower Garden are noteworthy park elements in need of more maintenance resources. Once established, community-led initiatives and volunteer groups have evolved over time. Thus, the unscheduled and un-budgeted maintenance of these gifted facilities falls on the City.

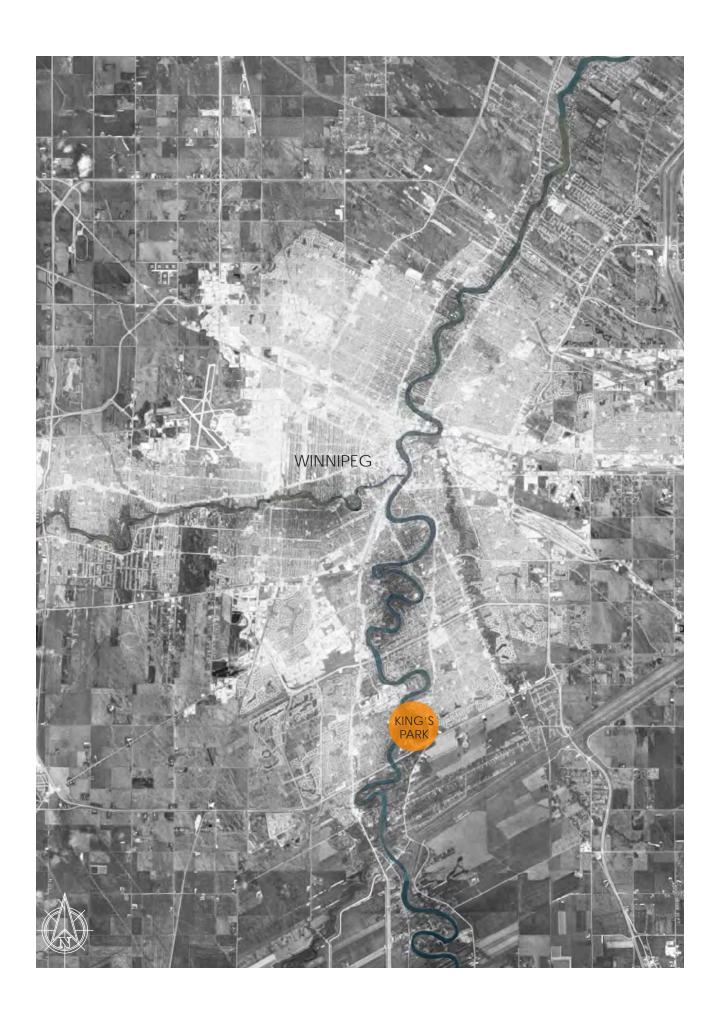
REINVESTMENT STRATEGY

Now in its fourth decade of existence, King's Park is due for a bold reinvestment in new and existing park resources. Based on Consultant and City input, as well as the public consultation process, the three top priorities are: Repair/Restor Waterfall and Clean Up Lake; Repair and Improve Flooded Pathways; and, Rebuild Washroom Near Main Parking Lot (with possible Picnic Shelter/Warm Up Space).

Prior to undertaking any of the prioritized initiatives, it is recommended that the City develop and design a Master Site Plan and Park Imagery Vision to guide sequential park upgrades. This process is necessary to guide a pragmatic and thoughtful process. Operational, maintenance and life-cycle costing should be considered.

New and upgraded developments result in ongoing maintenance costs and workload. As discussed herein, even volunteer initiatives and gifted resources have financial consequences in their administration and ongoing upkeep. It is recommended that there be encouragement for the commitment of public volunteer groups to the ongoing maintenance of various park attractions and that funding be not only allocated to preliminary capital costs for development but also to prioritizing ongoing operational and maintenance costs.

A summary of cost estimates for the recommended reinvestment initiatives can be found in Appendix I.



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HOUSE #2

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INTRODUCTION

King's Park is nestled into a pronounced river meander bend in Winnipeg's South End. The park is located within the Fort Richmond neighbourhood and bordered on three sides by the Red River. Notably close to the park are the University of Manitoba and the Investors Group Field.

King's Park is one of the smaller of Winnipeg's regional parks at 37.4ha. Given its relatively secluded location and small catchment population, it tends to function more as a regional community park.

At the time of the park's development, the goal of Winnipeg's regional parks was to serve two functions: they preserved a unique landscape or they provided major activities and

attractions. Each regional park was to have a distinct image or theme and each its own water feature, such as a river, stream, retention pond or lake. Regional parks were to be open year-round where possible and offer a variety of activities.

King's Park was unveiled in the mid 1980s. Like most of Winnipeg's regional parks, it was designed in the English landscape style but was layered with an eastern-inspired garden ambiance and punctuated by a small pagoda, two arched bridges, playing fields and a stylized waterfall.

The riparian forest that borders three sides of the park and the lake counterbalance the more formal style of the manicured lawns and flower beds. Pathways that meander in and out of the forest provide over 2.5km of



popular walking, jogging and cycling routes. Many people bring their dogs to the large off leash area at the southern end of the park.

Like many parks along Winnipeg's rivers, King's Park is prone to spring flooding. It experienced extensive damage in 1997 when the Red River reached the top of the dike constructed along the north boundary of the park. Following the retreat of the flood waters, it took a considerable time for the vegetation of the park to recover.

While King's Park is often described as "natural", it is important to establish that the park is a highly manicured and managed outdoor space. The natural process of yearly flooding is controlled through artificial berms and dikes. Largescale riverbank stabilization initiatives have been undertaken to delay further erosion on a highly pronounced river bend. Clearings in the characteristic riparian forest were originally made for agricultural purposes and are now maintained as large sports and open fields of mown turf. The lake feature and waterfall were both artificially created and require constant maintenance to prevent naturally-occurring processes like silting and species progression.



Flooding, 2009, ChrisD.



Washington Peninsula, now home to King's Park, was previously cleared for agriculture.



King's Park c. 1983, Winnipeg Parks and Recreation Department, Macdonald p. 182.



Aerial view of King's Park prior to lake siltation.





WATERFALL & LAKE



Non-functioning waterfall with perennials and shrubs (15).



Lake filled in with silt and vegetation.



One of two arched bridges (19).

WATERFALL

Description

- The waterfall was developed in 1981/82 with intricately placed rock works, granular pathways, benches and perennial gardens.
- The mechanical systems for the water flow have gone through three incarnations, all drawing water from the Red River. The mechanical systems are presently not operational. There is a concrete block pump house located in the field between the top of the waterfall and the river.
- The waterfall was completely renovated in 2006. The rocks were taken out, the silt removed and the rocks replaced. The paths were renovated and the benches replaced. The perennial gardens could no longer be maintained by a gardener and had largely died. They were replaced by shrub plantings.
- Maintenance of the waterfall gardens have subsequently been taken over by a group of volunteer gardeners. The condition of the gardens will change depending on the enthusiasm of the volunteers.
- Interested Parties:
 - Community volunteer gardeners

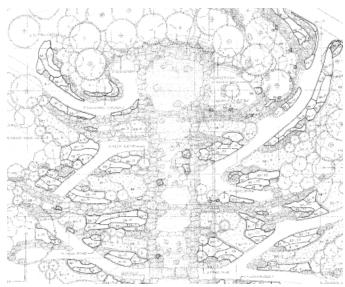
- The waterfall pump system, basin head and spillway are not operational.
- The pathways are in poor to fair condition.
- Benches are in good condition but do not coordinate with site furniture throughout the park.
- The perennial, annual and shrub gardens are in poor to fair condition.

LAKE

Description

- Originally an open and pleasing feature of the park.
- Winding shore line and island is common of English and Chinese garden and park design.
- Approximately 500 L.M. of shoreline is rock gabions and approximately 40 L.M. of shoreline is rock work associated with the waterfall. The remaining approximately 4,300 L.M. of shoreline is managed grassed slope.
- Concrete weir structure on the west side of the lake is part of the outlet that discharges into the Red River. Weir and lake outlet are not functional.
- Marshy vegetation has traditionally been home to many birds and waterfowl that are not otherwise easy to find in the City.
- Area: ~22,400 m² lake basin
 ~4,150 m² water surface
- Interested Parties:
 - Bird watchers

- Due to the inoperable waterfall, the lake receives little to no inflow and is stagnant.
- The rock works and gabions are in poor condition.
- The shallow areas are filled in with sediment and vegetation, including invasive Flower Rush.
- Bridges that cross the lake to an island are not universally accessible and are slippery in winter.



Original waterfall and planting plan.

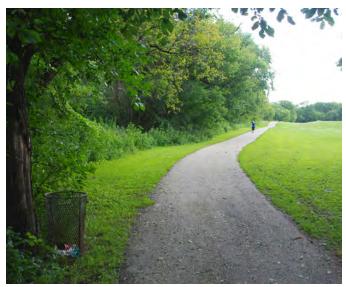


Concrete weir (21).



Lake outlet to river (21).

PARKING, PATHWAYS & CIRCULATION



Relocated asphalt pathway between riparian forest and basin.



Worn pathway from desire line between Field #2 and Field #1.



Low-lying pathway.

PARKING

Description

- Parking Lot #1, asphalt, ~24 spaces.
- Parking Lot #2, asphalt, ~128 spaces.
- Used for overflow parking from Investors Group Field on event days (Blue Bombers, Concerts)
- Area: ~605 m² Parking Lot #1
 - ~4,575 m² Parking Lot #2
 - ~4.000 m² Paved Road
- Interested Parties:
 - Potential for outside investment or sponsorship.

Condition Assessment

- Parking Lots #1 and 2 are in fair condition.
- Curb stops require straightening.
- The paved road is in fair condition but lacks curbs so there is wear to the adjacent surfacing, which is mainly turf

FORMAL PATHWAYS

Description

- Paved asphalt pathways.
- The original pathway system wove through the riparian forest around the perimeter of the park. Frequent spring flooding and riverbank erosion has damaged the original pathway system and efforts have been made to relocate paved paths inland, to dryer ground. Park users, however, continue to use older, abandoned pathways even though they are in poor repair.
- Area: ~7,340 m² asphalt paving
 ~3,060 m total length
- Granular pathways in the waterfall garden and the Carol Shields Memorial Labyrinth.

Condition Assessment

- Newly relocated asphalt pathways are in good condition.
- Abandoned pathways in the forest are in poor condition and experience frequent spring flooding. These pathways should either be removed or their lack of future maintenance communicated to park users.
- Older asphalt pathways leading to the waterfall from Parking Lot #2 and in the informal gardens have cracking but are in fair condition.
- Some areas of asphalt pathway in the forest, particularly by Baseball Diamond #2, are low lying and frequently wet, and therefore impassable.
- Granular pathways in the waterfall garden are eroding and are in poor condition.
- Granular pathways in the Carol Shields Memorial Labyrinth are in fair condition but are starting to erode without an containment edge treatment.

INFORMAL PATHWAYS

Description

- Informal pathways are routes worn in the grass or other surfaces created by park users and their different walking preferences for getting from place to place, particularly where formal pathways are lacking as at Baseball Diamond #2 where cut throughs are desired to connect forest paths to the open parkland. These routes are defined as desire lines.
- Wood chips have been placed on certain desire lines and where low lying pathways are flooded.

Condition Assessment

 Some worn desire lines could be incorporated into the paved pathway system.

OTHER FEATURES

Description

- Unpainted post and chain fencing located along the south and west sides of Parking Lot #2.
- Utility gate to separate paved road from utility pathway.

Condition Assessment

• Post and chain fencing is in poor condition.



Road headed towards Entrance.



Parking Lot #2 (13).

SITE FURNITURE



Picnic Site with Fire Pit (12)



Picnic table near Parking Lot #2



Park bench and waste receptacle.

BENCHES

Description

- Several types and styles of benches are used throughout the park.
- Location:
 - Carol Shields Memorial Labyrinth: Tan composite boards with black powdercoat.
 - Waterfall: Grey composite boards with red powdercoat.
 - Along pathways, in Informal Gardens and on island: Wooden boards with black powdercoat.
 Several have memorial plaques.
- Interested Parties:
 - Park bench donation program.

Condition Assessment

- The wooden benches are older, and in fair to poor condition.
- The composite benches are in good condition.
- The three types of benches are not unique enough from each other to make a statement regarding location within the park and appear haphazard.

PICNIC TABLES

Description

- There are a few picnic tables located throughout the park.
- Green painted wooden boards.
- Location:
 - Four are presently located in close proximity to Parking Lot #2.

- Picnic tables are in fair condition.
- Additional picnic tables are required

- with supporting infrastructure (concrete or granular pads, connecting accessible pathways).
- Incorporate some moveable picnic tables for flexibility.

BARBECUE PITS

Description

 One barbecue pit located near Parking Lot #2 in a shaded area with two picnic tables.

Condition Assessment

 Barbecue is in fair condition although the site is trodden and disorganized.

WASTE RECEPTACLES

Description

 Expanded metal waste receptacles are located throughout the site, primarily adjacent to pathways.

Condition Assessment

- Waste receptacles in fair to poor condition.
- Expanded metal rusts and is difficult to see against a forested backdrop.
- Visible waste is unsightly.

BIKE RACKS

Description

• There are no bike racks in the park.



Bench in Waterfall Garden (15).



Picnic table in Basin (20).



Expanded metal waste receptacle.

ENTRANCE & SIGNAGE



Painted entrance feature and King's Park sign.



Planters at entrance gate.



Park Signage.

ENTRANCE LOCATION

Description

- One main and two secondary entrances are located on the western border of the park, off of Kings Drive.
- A dike separates King's Park from the neighbouring community. This physical barrier combined with the Red River bordering the rest of the park makes for a subtle presence in the Fort Richmond neighbourhood.
- The South Winnipeg Parkway/Trans Canada Trail follows Kilkenny Drive through to King's Park, bringing walkers, cyclists, and more to the park's entrance.
- For vehicular traffic, the entrance is somewhat less noticeable due to the topographic separation and an understated signage feature signaling the park's main entrance.
- The two secondary entrances have paved pathways leading into the forest and breaks in the post and chain fencing. An informative sign is located at the entrance at Kings and Kilkenny Drives.

Condition Assessment

- Wayfinding signage out in the community is lacking.
- Secondary entrances are understated, overgrown and uninviting.

ENTRANCE SIGNAGE FEATURE

Description

 The entrance signage feature is a rustic, wooden post ensemble, in keeping with the natural vocabulary of the park (and less to do with the Chinese and more formal aspects). Previously weather-beaten natural wood, the posts have been painted tan and predominantly forest green.

Condition Assessment

- Demonstrative of the era in which the park was developed. This tie to the past would have been stronger had the weathered natural wood remained.
- The colours, though rich, provide little contrast to the mature landscape of forest and spruce planting behind them. The features therefore blend into the background and are difficult to spot for passers-by.

PARK SIGNAGE

Description

- Many directional, informative and instructive signs are located throughout the park. They appear to have been added as needed and at various times.
- Interested Parties:
 - Adopt-A-Park Project
 - Province of Manitoba (Lyme Disease awareness)

Condition Assessment

- Park signage is overwhelmingly negative with many signs warning visitors against certain activities. Prescriptive signage is important but its presentation could benefit from a more positive approach.
- Park signage is not cohesive. No two signs are the same.

OTHER FEATURES

Description

 Green post and chain fencing located along Kings Drive, on the park side of the dike.

- Utility gate to secure entrance drive in off hours.
- Ten exposed aggregate planters located at entrances and Parking Lot #1.

- Post and chain fencing is in poor condition.
- Gate is in fair condition.
- Gate is inappropriate / under-scaled for a regional park main entrance.
- Exposed aggregate planters are in fair condition but are dated and visually insubstantial.



Park Signage.



Secondary entrance, Kings Drive at Kilkenny Drive.

GARDENS



Informal Gardens pergola (24).



Carol Shields Memorial Labyrinth (23).



Native Prairie Grass and Wildflower Garden (25).

ISLAND

Description

- Accessed by two arched red bridges.
- Contains a red pagoda that is iconic to the park and can be booked for events and photographs.
- Has four benches.

Condition Assessment

- Pagoda is in good condition but the associated sitting areas and landscape require attention.
- Bridges have high arches that make traversing them difficult for some, especially in slippery conditions.
- Only one bench is accessible off of a paved pathway.

INFORMAL GARDENS

Description

- Circular, full sun annual garden.
- Semi-circular shade garden with bench.
- Large wooden pergola with benches underneath.
- Three wooden arbors along or straddling the pathway.
- Three white metal arbors leading in descending order of size to a small sitting area.
- Custom-built wooden and metal bench with rock foundation.
- Most structures are equipped for supporting climbing vegetation but none is planted.
- Can be booked for weddings and photographs.
- Interested Parties:
 - Adopt-A-Park Project
 - Potential for a volunteer/stewardship group.

Condition Assessment

- Planting beds are in fair condition.
- Some structures require replacement while most of the wooden ones are nearing the end of their life cycle.
- Benches are in poor condition.

CAROL SHIELDS MEMORIAL LABYRINTH

Description

- Honours the legacy of the Pulitzer-Prize-winning Manitoban author.
- Landscape is designed for meditation and reflection.
- Includes an engraved wall of quotes, seating areas, a winding pathway and planting beds.
- Area: ~1,650 m²
- Interested Parties:
 - Potential for a volunteer/stewardship group

Condition Assessment

- Granular pathways and paving stones are in good condition but some material migration is occurring and weeds have crept in. Better material separation is required as washouts are occurring.
- Benches are in good condition
- Planting beds are in fair condition.
 Volunteer gardening is no longer available at this site, maintenance resources are limited for the amount of work required to keep the garden as originally planned. The City is making changes to the plantings in order to make maintenance easier.

NATIVE PRAIRIE GRASSES AND WILDFLOWER GARDEN

Description

 Community-driven feature that was traditionally overseen by volunteers

- but is currently maintained by the City through occasional controlled burns and mowing of the path and perimeter.
- Small tract of prairie habitat in an area formerly used for industrial purposes, which has been naturalized and fenced in.
- Interpretive signage is displayed along a mowed winding pathway.
- Area: ~2,000 m²
- Interested Parties:
 - The original volunteer group is no longer able to maintain the garden.

- The garden is in poor condition. It appears neglected and uninviting.
- The original intent was for predominantly "showy", flowering native plant species, but certain native species such as Big Blue Stem and Licorice have taken over and pushed out the original variety.
- Non-native species are invading the garden
- Interpretive signage is badly sun and water damaged.
- Main sign is dated, difficult to read and blocks entrance into the garden.
- Wooden fence posts have fallen down or are crooked.



Informal Gardens (24).

OFF LEASH DOG AREA



Waste receptacle and community-installed bag dispenser (22).



Off leash dog in Basin (20).



Off Leash Dog Area (22).

OFF LEASH DOG AREA

Description

- Large, rolling field located at the back of the park and dedicated to dog owners and off leash dogs.
- Unfenced and bordered on three sides by forest and on the fourth side by the lake.
- Directional signage located throughout the park.
- Bag dispensers are located throughout the park.
- Area: ~44,500m²
- Interested Parties:
 - Volunteers who supply and restock bag dispensers.
 - Potential for a volunteer/stewardship group

- Wayfinding signage is poorly located.
- Boundaries are not defined and dogs are sometimes off leash outside of the designated area.
- Adjacent to forested area that is not maintained by users (i.e., cleaning up after dogs).
- Dogs access lake at a location where erosion is evident.
- Bag dispensers are "home made" and in fair condition.

WASHROOM

PUBLIC WASHROOM

Description

- Three-season washroom located next to Parking Lot #1.
- Used by all park attendees but particularly services the sports fields.
- Exterior walls are used as surfaces for posting temporary signage and advertising.

- Washroom is in poor condition with 5± years remaining in its life-cycle, according to City staff.
- Facilities are not universally accessible and cannot be retrofitted due to existing overall size constraints.
- Architecture is dated and not befitting a regional park.
- Location is inconvenient for most park users as it is isolated near the entrance to the park.



Public Washroom (9).

SPORTS FIELDS



Baseball Diamond #1 (5).



Field #1: Soccer (7).



Field #2 (6).

BASEBALL DIAMONDS

Description

- Two Peewee/Bantam-sized baseball diamonds complete with backstop and players' benches. Outfields not fenced.
- Baseball Diamond #1 appears wellmaintained and used.
- Baseball Diamond #2 has been out of use since being damaged by the flood of 1997 and the infield in grownin.
- A desire line has been established across Baseball Diamond #2 by walkers, cyclists and park utility vehicles.
- Berms and spaced-out trees separate
 the diamonds from a soccer field,
 delineating a boundary between the
 two uses and providing spectators
 with a pleasant place to sit.
- Location:
 - Baseball Diamond #1 at NE corner of park, visible from Kings Drive.
 - Baseball Diamond # 2 at NW corner of park.
- Area: $2 \times 1,380 \text{ m}^2$ infield $2 \times 3,140 \text{ m}^2$ outfield
- Interested Parties:
 - Richmond Kings Community Centre

- Baseball Diamond #1 is wellmaintained and appears well-used.
- Baseball Diamond #2 has been abandoned is unusable.
- The turf on Baseball Diamond #2 is mowed but not acceptable for play, especially with the pronounced desire line.
- The infield on Baseball Diamond #2 is overgrown and not salvageable.

SOCCER FIELD

Description

- Field #1 used for 1 9x9 sided pitch or 2 - mini-soccer pitches.
- Field #1 currently out of use for turf regermination.
- Field #2 presently used to store goals.
- Field #2 is not level enough for a soccer pitch but sized for 1 9x9 sided pitch or 2 mini-soccer pitches.
- Location:
 - Field #1 between baseball diamonds at north end of site.
 - Field # 2 along entrance drive and adjacent to Parking Lot #1.
- Area:
 - Field #1 ~4,350 m² turf
 - Field #2 ~3,170 m² turf
- Interested Parties
 - South End United Soccer

- Repairs to the turf on Field #1 appear successful in the short term.
- Field #1 would benefit from elevating and re-grading to avoid spring flooding.
- Turf on Field #2 is in good condition but the field is uneven and not suitable for field sports.
- Field #2 could be re-graded for use by soccer and other field sports groups.
- Fields #1 and #2 are too small for a minimum 55 x 73m regulation sized soccer pitch.



Baseball Diamond #2 player's bench (8).



Baseball Diamond #2 backstop (8).



Baseball Diamond #2 desire line (8).



Open House #2.



OPPORTUNITIES & ISSUES

Two public open houses have been hosted by Councillor Lukes and the City of Winnipeg to gather community feedback on the opportunities and issues faced by King's Park. Open House #1 was held on June 17, 2015, and was used to gather initial impressions and concerns of the community. Additional email feedback was also submitted to the office of Councillor Lukes.

Following a site inventory and analysis of existing conditions and amenities, Open House #2 was held on October 7, 2015. Presentation boards were displayed outlining the facility assessment, recommendations and development ideas. The development ideas were grouped into categories that could become potential capital projects. An exit survey was undertaken by the City of Winnipeg following this meeting, providing valuable feedback on what reinvestments should be made in King's Park.

It should be noted at this time that the people attending the Open House #2 were not a proportionate representation of the user population. Visibly absent was a youger demographic (census data shows that significantly more Fort Richmond residents fall in the 15-19, 20 to 24, and 25 to 29 age ranges than the City of Winnipeg average), and families with young children. This would affect feedback results. It should be noted that the people who did attend were passionate about King's Park.

The boards presented at Open House #2 are presented in Appendix I. A compilation of comments and survey responses are presented in Appendix II.

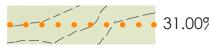
The following graph depicts the top three improvements that Open House attendees would most like to see in King's Park.

REPAIR/RESTORE WATERFALL AND CLEAN UP LAKE

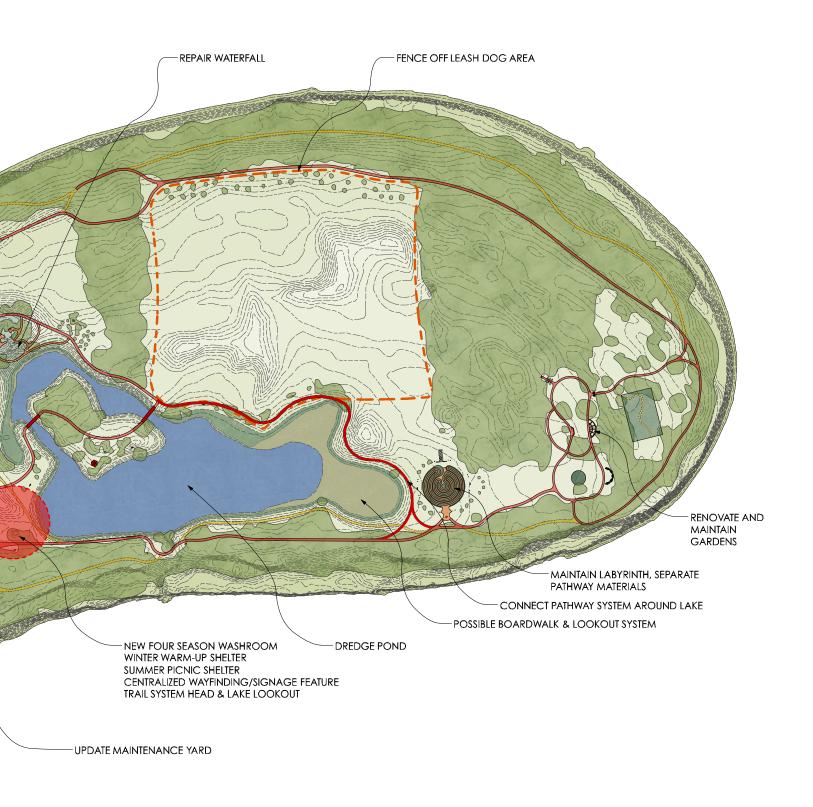
REPAIR AND IMPROVE FLOODED PATHWAYS

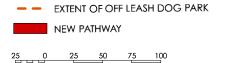
66.70%

REBUILD WASHROOM NEAR MAIN PARKING LOT (WITH POSSIBLE PICNIC SHELTER / WARM UP SPACE)









PROJECT #1: WATERFALL & LAKE RESTORATION

WATERFALL OPERATIONS & HYDROLOGY

Description

- Procure hydrological engineering report to determine well location, pump size, basin condition (size and restoration requirements), and possible recirculation system.
- Prepare design drawings and specifications.
- Remove existing waterfall materials, retain for possible reuse.
- Install well and associated pumps.
- Construct waterfall (basin, channel, rockery).
- Construct rock gardens, including pathways, perennial gardens and site furniture.
- Class 5 Cost Estimate: \$400,000

LAKE RESTORATION

Description

- Survey existing lake.
- Design lake, including depth profile, possible recirculating fountain, edge conditions, bird habitat, viewing areas and weir repair.
- Prepare design drawings and specifications.
- Remove existing vegetation including measures to eradicate Flowering Rush.
- Dredge pond and dispose of material. Options for disposal of material may include on site dispersal and associated restoration.
- Repair clay liner.
- Restore edge conditions, including native shoreline plantings, restoration of rock gabions and stone edging along waterfall.
- Class 5 Cost Estimate: \$1,200,000 to \$2,500,000, pending soils investigation



Functioning Waterfall.



Dredging Pond.

LAKE VIEWING PLATFORM

Description

- Prepare design drawings and specifications.
- May include: boardwalks, viewing platforms, wayfinding, interpretive signage and accessible seating.
- Class 5 Cost Estimate: \$250,000

PROJECT #2: PATHWAYS, SEATING & ACCESSIBILITY

NEW PATHWAYS AND CONNECTIONS

- Prepare design drawings and specifications and construct:
 - 500± L.M. of new formal asphalt pathway to upgrade existing paths
 - Class 5 Cost Estimate: \$120,000
 - 280± L.M. of new raised asphalt pathway across Baseball Diamond #2 and in forested low spot
 - Class 5 Cost Estimate: \$75,000
 - 360± L.M. of new asphalt pathway to complete loop around the SE side of the lake
 - Class 5 Cost Estimate: \$90,000
 - 230± L.M. of new granular or wood chip pathway to upgrade existing informal paths
 - Class 5 Cost Estimate: \$25,000
- Include accessible seating nodes, benches, waste receptacles and bike racks.

RIVER VIEWING NODES

- Determine ideal viewing locations for viewing platform(s) at various points near the river.
- Prepare design drawings and specifications, with structural engineering.
- Secure Waterways permit.
- Construct viewing platforms, including interpretive signage.
- Class 5 Cost Estimate: \$50,000 each

SITE FURNITURE

- Design or select standardized site furniture for incorporation in existing/ ongoing projects or as part of future development.
- Include selections for benches, picnic



Paved Pathways.



Example of River Viewing Node.

tables, waste/recycling receptacles, bike racks, bollards, planters, etc.

Class 5 Cost Estimate: \$1,500 - 3,500/unit

PROJECT #3: NEW WASHROOMS



Example of New Washrooms.

OPTION ONE

- Four-season accessible washroom located near the Parking Lot #2 and the lake, with incorporated four season shelter (warm-up building for winter), trail head and centralized wayfinding information, associated picnic shelter and/or viewing area overlooking the lake, and site furnishings.
- Extend sewer, water and electrical services.
- Class 5 Cost Estimate: \$1,515,000

OPTION TWO

- Four-season washroom located near Parking Lot #2 and the lake.
- Extend sewer, water and electrical services.
- Class 5 Cost Estimate: \$935,000

PROJECT #4: PARK IMAGERY

WAYFINDING & SIGNAGE

- Design standardized signs for immediate use and/or as part of future development plans.
- Include park "rules and etiquette" as well as operational and wayfinding information.
- Create a central wayfinding feature/ sign, which may be associated with a new washroom building.
- Replace all existing signs.
- Install newwayfinding signage outside the park in the neighbourhood.
- Class 5 Cost Estimate: \$125,000

INTERPRETIVE SIGNAGE

- Design standardized interpretive signage for incorporation in existing/ ongoing projects or as part of future development.
- Class 5 Cost Estimate: \$65,000

ENTRANCE FEATURE

- Design new or modified entrance feature and park gate.
 - Class 5 Cost Estimate: \$140,000
- Include minor entrance features at two secondary entrances.
 - Class 5 Cost Estimate: \$40,000 each
- Provide new decorative barrier treatments at entrances and parking lots.
 - Class 5 Cost Estimate: \$60,000



Example of Entrance Signage.



Example of Wayfinding Signage.



Example of Interpretive Signage..

PROJECT #5: GARDENS

GARDEN TRAIL

- Connect the four existing garden areas, possibly including a marsh viewing area, into one "Garden Trail", while enhancing the individuality and uniqueness of each garden.
- Upgrade paths and make connections if required, upgrade wayfinding and interpretive signage, upgrade and increase site furniture, while enhancing accessibility.
 - Class 5 Cost Estimate: \$155,000
- Increase maintenance resources: the expanding inventory of facilities without supplementing maintenance resources has resulted in a dilution in care for the gardens. Renovation projects for each garden should be planned to enhance each facility while making ongoing maintenance more efficient.
- Encourage the commitment of public volunteer groups to the ongoing maintenance of the various gardens.

PAGODA

- Install new site furniture, upgrade paved areas and plantings.
- Class 5 Cost Estimate: \$75,000

CAROL SHIELDS MEMORIAL LABYRINTH

- Install new weathered steel edge as separation between pathway and planting bed materials.
- Renovate planting beds to make ongoing maintenance more efficient.
- Class 5 Cost Estimate: \$65,000

INFORMAL GARDENS

- Renovate planting beds to make ongoing maintenance more efficient.
- Upgrade or replace garden features such as pergolas and arbors and



Carol Shields Memorial Labyrinth.



Pagoda.

incorporate new accessible seating areas.

Class 5 Cost Estimate: \$120,000

NATIVE PRAIRIE GRASSES & WILDFLOWER GARDEN

- Renovate deteriorated structures such as fencing and signage.
- Create entrance feature and replace interpretive signage, replace bollard fencing, upgrade pathway and replace missing plant species.
- Class 5 Cost Estimate: \$80,000

PROJECT #6: OFF LEASH DOG AREA

OFF LEASH DOG AREA

- Formalize location of the off-leash dog park and install 1.2M high chain link fence around the perimeter.
- Create an entrance feature that incorporates signage, etiquette, waste bag distribution and waste receptacles.
- Incorporate natural-style features for dog agility training.
- Include separate fenced area for small dogs.
- Class 5 Cost Estimate: \$240,000



Natural-style Dog Training Features.

PROJECT #7: PICNIC SHELTER

LARGE PICNIC SHELTER

- Possibly incorporate into a new washroom building.
- Include fireplace and site furniture.
- Extend sewer, water and electrical services.
- Class 5 Cost Estimate: \$435,000

SMALL PICNIC SHELTER

- Install a stand-alone picnic shelter, possibly ready-made.
- Class 5 Cost Estimate: \$75,000

BARBECUE & PICNIC NODES

- Increase number of barbecue and picnic nodes and make them accessible.
- Include site furniture that is complementary to the park image.
- Class 5 Cost Estimate: \$18,000 each



Example of Picnic Shelter.

PROJECT #8: SPORTS FIELDS

BASEBALL DIAMONDS

- Maintain Baseball Diamond #1.
 - Class 5 Cost Estimate: Maintenance Costs
- Eliminate Baseball Diamond #2 by removing the backstop and other baseball items, re-grading and reincorporating the space into the park landscape.
 - Class 5 Cost Estimate (does not include new asphalt pathway, see Project #2): \$80,000

SOCCER FIELD

- Redevelop the existing Field #1 for soccer.
- Raise field, grade to drain and sod.
- Provide new portable goal stanchions.
- Class 5 Cost Estimate: \$350,000

PROJECT #9: NATURAL PLAY

PLAYGROUND

 Develop structured and unstructured natural play space in concert with other facilities, such as a new picnic shelter.

- Incorporate natural play elements and provide for a variety of play experiences in the context of the surrounding neighbourhood.
- Class 5 Cost Estimate: \$500,000

PROJECT #10: WINTER USE

X-COUNTRY SKIING

- Groom x-country ski trails in the winter.
- Class 5 Cost Estimate: Maintenance Costs

TOBOGGANING

- Allow winter tobogganing and provide designated open area.
- Class 5 Cost Estimate: Maintenance Costs

PROJECT #11: FOREST

TREE PLANTING

 Identify areas for new tree planting and/or reforestation.

Class 5 Cost Estimate: \$250,000

PROJECT #12: MAINTENANCE YARD

MAINTENANCE YARD

•Incorporate aesthetic and functional improvements to maintenance yard.

Class 5 Cost Estimate: \$65,000



The King's Park Regional Park Existing Facility Review & Reinvestment Strategy has listed a number of potential projects with Class 5 Cost estimates. The first three listed Projects are those identified through the public consultation process as the highest priority.

In the near future the City of Winnipeg plans to undertake a study that would redefine the role of the Regional Park and set updated standards for what these parks should encompass. The Reinvestment Strategy for King's Park may have to be revisited at that time in order that upgrades for the Park be in keeping with the role of the Regional Park.

The Reinvestment Strategy has identified both restoration projects and new developments. Two things ought to be considered: 1) a timing strategy for the proposed projects; and 2) a physical Master Plan that would locate proposed new projects within the Park, taking into account physical constraints, opportunities and desired relationships.

For example, Project #1: Waterfall and Lake Restoration is clearly the most important upgrade sought by users and the community. Dredging the lake, however, is a large and disruptive undertaking, requiring large equipment. This equipment must have a route of access in and out of the park, as well as a staging area, room to work and a designated location for excavated/dredged materials.

Depending on the material make-up, much of the excavated soils could be relocated on site, either spread over the existing dog park as a top dressing, or deposited strategically to create new berms. This would result in modified site contours and the need for newly sodded turf. Alternatively, the excavated material could be trucked out of the site, causing much wear and tear to the fields, roads and pathways. If massive site restoration is required following construction, it is recommended that this be staged into other renovation projects, minimizing the overall amount of restoration required.

The various projects listed include updates to site furniture, signage and other design elements. In Project #4: Park Imagery, it is recommended that a unique image be developed for the Park. Project #4 has an urgency to it in order that the new park imagery be incorporated in all projects.

Keeping said sequencing in mind, the priority of the various projects may need to be adjusted to make economical, staging and physical sense.

APPENDIX I: ESTIMATES

Remove Baseball Diamond #2 & Restore to Turf

Renovate Soccer Field

Natural Play Elements

Maintenance Yard Upgrades

Tree Planting

PROJECT

Waterfall Operations & Hydrology \$400,000 Lake Restoration \$1,200,000 to \$2,500,000 Lake Viewing Platform \$250,000 Asphalt Pathway \$120,000 Raised Asphalt Pathway \$75,000 Lake Loop Completion Asphalt Pathway \$90,000 Granular and Wood chip Pathway \$25,000 River Viewing Nodes \$100,000 Site Furniture \$120,000 Washroom Option One \$1,515,000 Washroom Option Two \$935,000 Wayfinding & Signage \$125,000 Interpretive Signage \$65,000 Main Entrance Feature and Gate \$140,000 Two Secondary Entrance Features \$80,000 **Decorative Barrier Treatments** \$60,000 Garden Trail \$155,000 Pagoda Upgrades \$75,000 Carol Shields Memorial Labyrinth Upgrades \$65,000 Informal Gardens Upgrades \$120,000 Native Prairie Grasses & Wildflower Garden Upgrades \$80,000 Off Leash Dog Area \$240,000 Large Picnic Shelter \$435,000 Small Picnic Shelter \$75,000 Four Barbecue & Picnic Nodes \$72,000

COST ESTIMATE

\$80,000

\$350,000

\$500,000

\$250,000

\$65,000



APPENDIX II: BOARDS PREPARED FOR OPEN HOUSE #2

WELCOME TO THE KING'S PARK PUBLIC OPEN HOUSE

- The City of Winnipeg has retained David Wagner Associates Inc. to develop an Existing Facility Review and Reinvestment Strategy for King's Park.
- The information boards presented today provide **Assessments** and **Considerations** of existing park issues and improvement opportunities based on:
 - previous public meetings held on May 5, 2015 at Investors Group Field and June 17, 2015 at St. Avila School;
 - inputs from City staff based on operational realities and ongoing 311 inquiries; and
 - assessments and site observations by the Consultant Team.
- The intent of today's open house is to obtain additional feedback on priorities for improvements to King's Park that will help shape a
 strategy that will guide future investment in King's Park by the City of Winnipeg.
- Please feel free to explore the presentation boards, ask questions of staff and the consultant team and provide feedback directly on each board and through our exit survey.

Next Steps

- Feedback gathered today will be incorporated into a final report and recommendations that will be shared by e-mail to those attending the Open House, as well as on the City of Winnipeg and Councillor Lukes web sites.
- The final report will include proposed improvements, priorities and cost estimates that will be used in future City of Winnipeg Capital Budget Planning.

Thank you for your attendance and feedback!







KING'S PARK

EGIONAL PARK EXISTING FACILITY REVIEW AND REINVESTMENT STRATEG

ASSESSMENT

- ENTRANCE FEATURES AND GATES ARE UNDERSTATED AND DATED.
- SIGNAGE IS NOT UNIFIED AND THE INFORMATION IS VERY SPREAD OUT.
- SIGNAGE IS MOSTLY NEGATIVE.
- WAYFINDING SIGNAGE IS LACKING.

CONSIDERATIONS

- DEVELOP COHESIVE PARK IMAGE THROUGH NEW ENTRANCE FEATURE(S) AND SIGNAGE
- CENTRALIZED WAYFINDING MAP AND SUPPORTING SIGNS THROUGHOUT PARK AND NEIGHBOURHOOD.

EXISTING CONDITIONS



PARK SIGNAGE



SECONDARY ENTRANCE



NTRANCE FEATURE



ENTRANCE GATE



SECONDARY ENTRANCE

REINVESTMENT EXAMPLES

COMMENTS



ENTRANCE FEATURE



NTRANCE FEATURE



ENTRANCE GATE



ENTRANCE BAFFLE



CENTRALIZED SIGNAGE

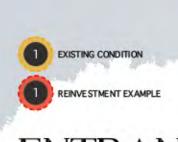


WAYFINDING SIGNAGE

ENTRANCE GATES, SIGNAGE AND WAYFINDING







EXISTING CONDITIONS



OFF LEASH DOGS OUTSIDE AREA



DOG OWNER SIGNAGE



BURDOCK BURRS

REINVESTMENT EXAMPLES

COMMENTS



DOG OWNER ETIQUETTE



NATURALIZED DOG AMENITIES



ADDITIONAL WASTE RECEPTACLES





COMMUNITY GARDENING



COMMUNITY STEWARDSHIP









COMMENTS



KING'S PARK

REGIONAL PARK EXISTING FACILITY REVIEW AND REINVESTMENT STRATEG

COMMENTS

REINVESTMENT EXAMPLES



RESTORED WATERFALL



UPGRADED PERGOLA



WILDFOWL NEST



BAT HOUSE



ACCESSIBLE BRIDGE



LABYRINT

EXISTING CONDITIONS



WILDFLOWER GARDEN



INFORMAL GARDENS



INFORMAL GARDENS



WATERFALL GARDEN



WATERFALL GARDEN



CAROL SHIELDS LABYRINTH

ASSESSMENT

- WATERFALL IS NOT OPERATIONAL, THE WATERWAY AND PATHWAYS ARE IN POOR TO FAIR CONDITION.
- CAROL SHIELDS LABYRINTH IS IN FAIR CONDITION AND STARTING TO SHOW WEAR.

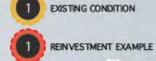
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- INFORMAL GARDENS REQUIRE ATTENTION.
- WILDFLOWER GARDEN APPEARS ABANDONED.

CONSIDERATIONS

- REPAIR WATERFALL, INCLUDING UPGRADES TO PATHWAYS AND GARDENS.
- MAINTAIN PLANTING BEDS IN CAROL SHIELDS LABYRINTH AND INFORMAL GARDENS.
- UPGRADE SELECT GARDEN FEATURES SUCH AS PAGODA AND INFORMAL GARDENS.
- REMOVE FENCE AND SIGNAGE FROM WILDFLOWER GARDEN AND LEAVE TO SPREAD NATURALLY.
- ADD WILDLIFE ATTRACTING PLANTS AND SHELTERS, SUCH AS WATERFOWL NESTS AND BAT HOUSES.





GARDENS: INFORMAL, LABYRINTH & WATERFALL





KING'S PARK

ASSESSMENT

- . BASEBALL DIAMOND #1 IS IN GOOD CONDITION.
- · FIELD #1 IS USED FOR SOCCER BUT IS CURRENTLY BEING REGENERATED.
- BASEBALL DIAMOND #2 IS NOT MAINTAINABLE DUE TO FREQUENT FLOODING.
- WASHROOMS ARE IN POOR TO FAIR CONDITION.
- . PICNIC SITE AND FIRE PIT ARE IN POOR CONDITION.
- ACCESSIBILITY CONSIDERATIONS REQUIRE ATTENTION.

CONSIDERATIONS

- . ELIMINATE BASEBALL DIAMOND #2, ALLOW AREA TO NATURALIZE AND PAVE DESIRE LINE.
- UPGRADE WASHROOMS OR INCORPORATE NEW FOUR SEASON WASHROOMS IN NEW BUILDING.
- ADD MORE ACCESSIBLE PICNIC SITES AND A SHELTER.
- ADD MORE ACCESSIBLE SEATING NODES.
- ENHANCE WINTER ACTIVITIES WITH A FOUR SEASON BUILDING.
- ADD CYCLING AMENITIES, SUCH AS BIKE RACKS AND A BIKE SERVICE STATION.

EXISTING CONDITIONS



BASEBALL DIAMOND #2



THREE SEASON WASHROOMS



PICNIC SITE



BASEBALL DIAMOND #1



FIELD #1

REINVESTMENT EXAMPLES



PICNIC SHELTER



BARBECUES AND FIRE PITS



ACCESSIBLE PICNIC TABLES



ACCESSIBLE SEATING



TOBOGGANING



FOUR SEASON BUILDING



BIKE RACKS

COMMENTS



BIKE PUMP / REPAIR STATION

EXISTING CONDITION

REINVESTMENT EXAMPLE

AMENITIES AND FEATURES

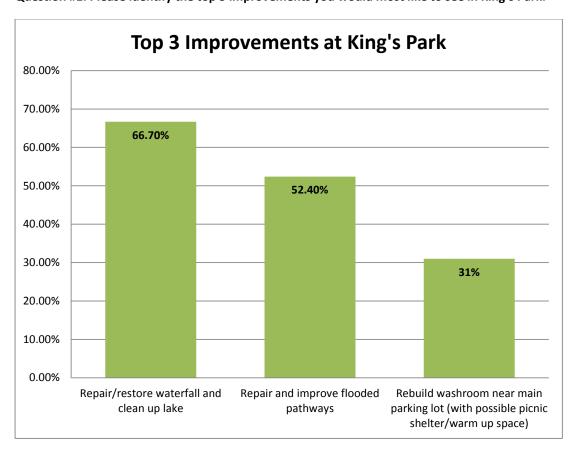




APPENDIX III: OPEN HOUSE EXIT SURVEY

King's Park Open House Exit Survey Comments:

Question #1: Please identify the top 3 improvements you would most like to see in King's Park.



Question #2: Are there any activities/improvements that you do not want in the park?

- I don't think we need a 4-season shelter (maybe a picnic shelter instead).
- Bicycles are a problem! They should be required to have bells. They speed through quietly behind.
- Leave it as is!
- Play structures; "New" entrance; anything that changes the natural parkland to make it look like
 St. Vital Park.
- No extra signage; No children's playground; Let children toboggan.
- Dog Owners need to have information about where 'off leash' boundaries are located and all
 other areas their pet <u>must</u> be on leash.
- If owners of pets (not all but many) were <u>more</u> responsible and respectful, it would be wonderful but...

- Keep the "wild" nature.
- Please keep the off lease dog park by the water! It is such a lovely area for responsible dog owners to meet, socialize, and take a walk.
- Please maintain the off-leash dog park by the water. It is a wonderful amenity.
- 4-season building; costly to keep up and not really needed.
- Baffles on paths to stop cyclists.
- 4-season building is unnecessary cost and maintenance problem.
- No to entrance baffles; put up sign to bicyclist to respect walkers instead; entrance baffle could be an accident hazard plus these would be a snow plow problem.
- Not necessary for elaborate entrance structures and artwork; the funds could be used better elsewhere.
- If a children's play area is added, it should not replicate what we already have in the community but should be something different e.g. natural.
- No outhouse without hand-washing facilities.
- No motorized vehicles.
- No expanded bike paths.
- Ball field.
- A play area for children with climbing equipment.
- I feel kids playgrounds are not needed as there are good ones very near to the park.
- The upgraded entrance depicted, existing is fine. Don't think the park needs more structures (but if other users would use them I'm okay with it).
- No skateboard park.

Question #3: Are there any other issues at the park that we should be aware of that need to be addressed?

- The soccer posts are ugly and rusty! Leave the opening field open.
- People on bikes don't have bells! No warning!
- The park is a 'jewel' as-is.
- Cross-country trails would be great!
- Keep it natural and low key.
- The path along river that is under in the spring.
- Dog owners, cyclists, rollerbladers, etc. should show common courtesy to each other.
- Cross-country ski trails would be fantastic.
- More use of the riverbank e.g. for viewing or for fishing.
- A few more benches here and there would be nice.
- Try to retain the natural, semi-wild character of the park.
- Remove ugly concrete pump house.
- Signage for cycle etiquette warn people you are coming.
- Use volunteers to help maintain the park including existing gardening groups, who, I believe are mainly seniors.
- It is almost perfect as it is. Please to not den\(\mathbb{Z}\) rate the "natural" structure and appearance of the park.
- Some of the trails have some blind curves and/or washouts that need repair.
- Flooded pathways are very dangerous in the spring. Did you know about the young man getting stuck in the mud in his wheelchair/bike at dusk last year? Fortunately a lady heard his cries and pulled him out.

- Sustain the lake flow to keep the water quality; increase visual attention to the river.
- More seating benches.
- Signage for cyclists to announce themselves when coming up behind pedestrians.
- 3 or 4-season washroom is a good idea.
- Cross-country ski trails; could the lake become a skating rink in winter?
- Keep natural state; existing design did that but needs maintenance to reach its potential.
- Walkways widened with woodchip base.
- Replace dead juniper by waterfall and remove thistles.
- Low pathways at northeast corner too low; needs upgrading.
- More benches and seating areas.
- Huge cottonwood tree on north side near first small dip in the path is at least 200 years old.
 Could be declared a heritage tree.
- The neglect of the Native Prairie Garden tended for 10 years by volunteers from Fort Richmond is heartbreaking to see. It is hoped that a burn might destroy much of the wild licorice which has crowded out so much.
- Litter around the park not being cleaned up (except by people using the park).
- Mountain biking pathways (separate from pedestrian paths) should be maintained and improved.
- Communicate the riverbank stabilization timeline, goals and impact to the public in detail.
- More garbage receptacles throughout the park and get rid of burdock plants.
- A café in the park would be nice.

Additional Information:

TOP IMPROVEMENTS IDENTIFIED BY QUESTIONNAIRE FOR KING'S PARK	PERCENTAGE
Repair/restore waterfall and clean up lake	66.70%
Repair and improve flooded pathways	52.40%
Rebuild washroom closer to main parking lot and waterfall	31%
with possible picnic shelter and winter warm up space	
Minor improvements to Dog Park including water fountain and waste receptacles	19%
Provide separation of dog park from other park activities (fencing/landscaping)	16.70%
Way-finding and interpretive signage throughout the park	16.70%
Natural play area for children	16.70%
Upgrade existing washroom	16.70%
Upgrade Picnic/Fire Pit areas	14.30%
More regular grass cutting or burdock removal	7.10%
More attractive entrance to the park	4.80%
Restore native prairie garden (controlled burn)	4.80%
Develop and groom cross-country ski trails	2.40%
Upgrade and maintain the gardens	2.40%
More waste receptacles throughout the park	2.40%
Café in the park	2.40%