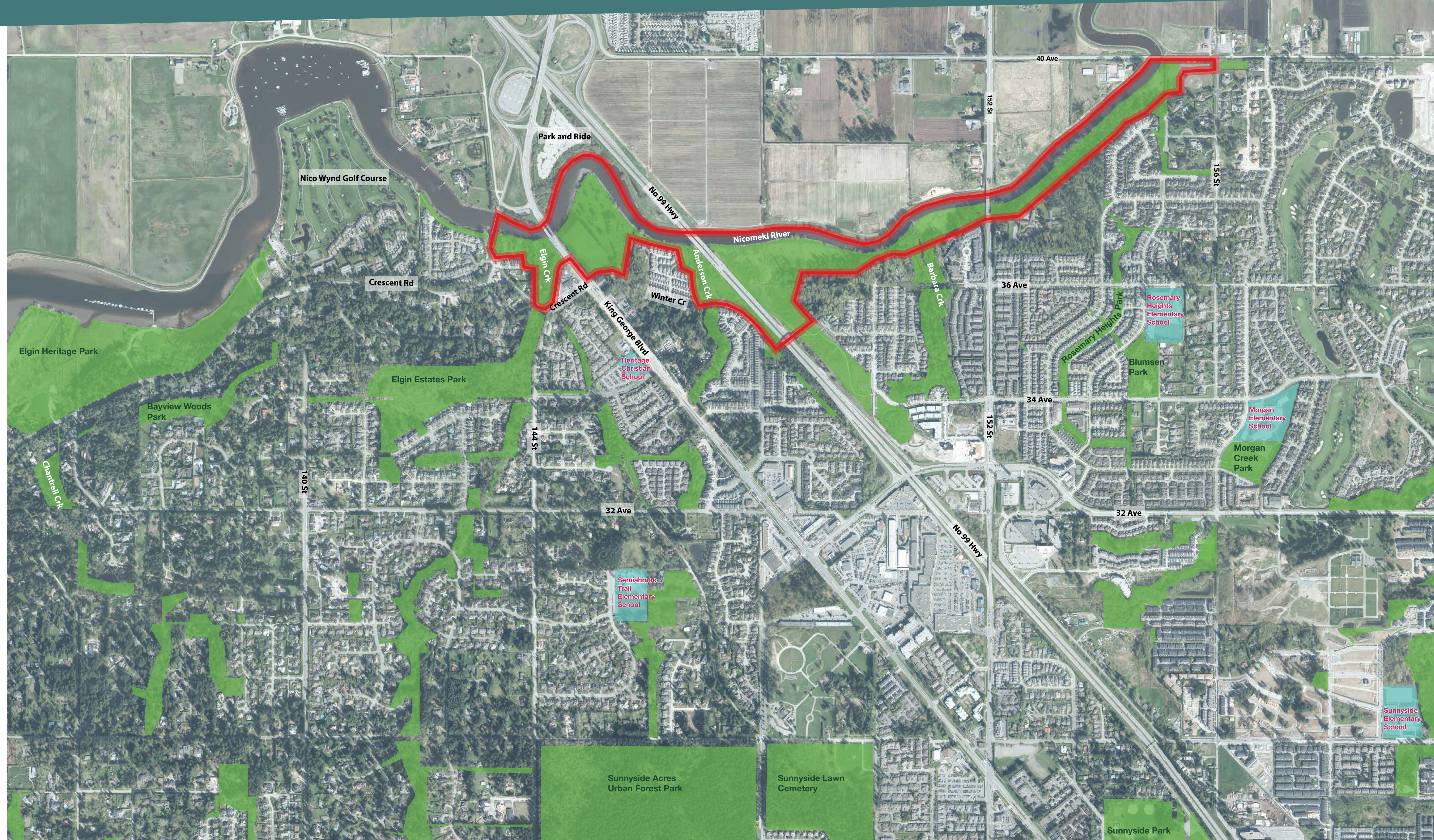


# SHOW US WHERE YOU LIVE

Use the stamp to indicate where you live on the map. If you live outside the area shown on the map, please place stamp in the white space (left).



# OVERVIEW

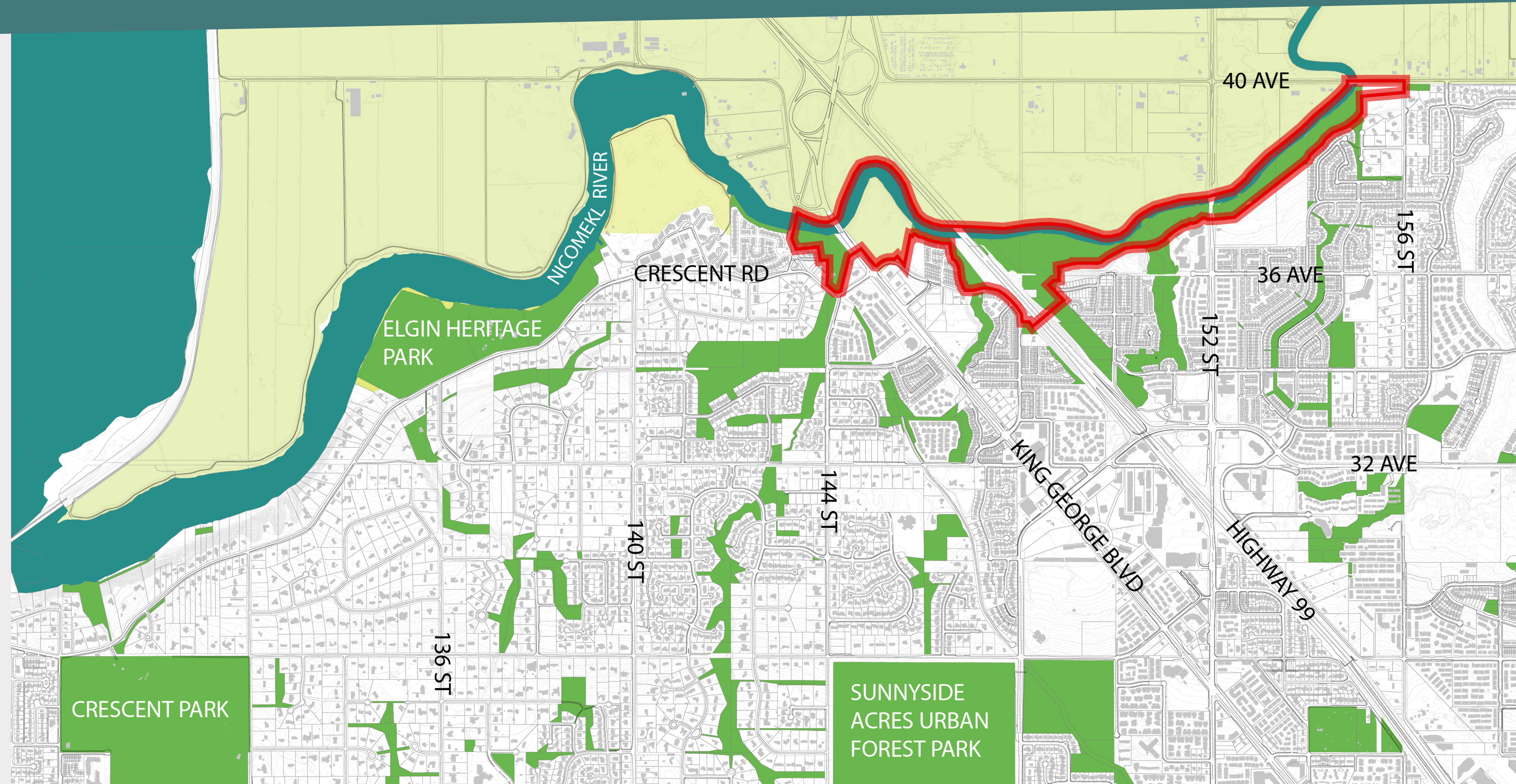
The City of Surrey is planning a 3km long linear park along the south side of the Nicomekl River, stretching from Elgin Road to 40 Avenue!

We are in the final stage of the planning and engagement phase ending in Fall 2019; further community public consultation will occur in the next phase, detailed design. With your feedback, we will finalize the park management plan.

The information on the display boards summarizes:

- + What we've learned
- + The feedback received
- + Draft vision statement & planning principles
- + A draft master plan

*Tell us what you think!*



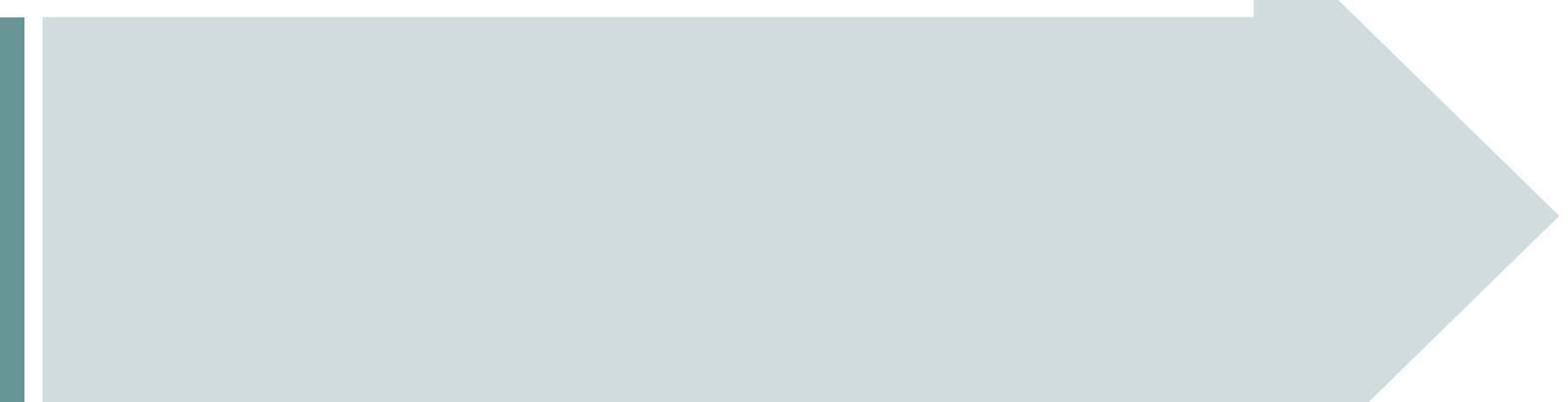
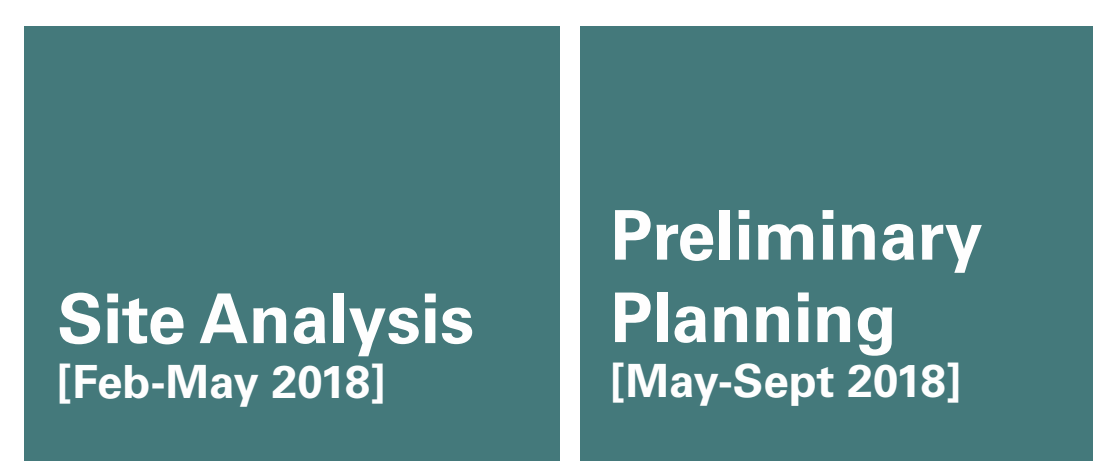
**WINTER 2018**

**WE ARE HERE**

**FALL 2019**

**TBD**

**TBD**



# EXISTING LAND USES & CIRCULATION



Park & Ride Lot



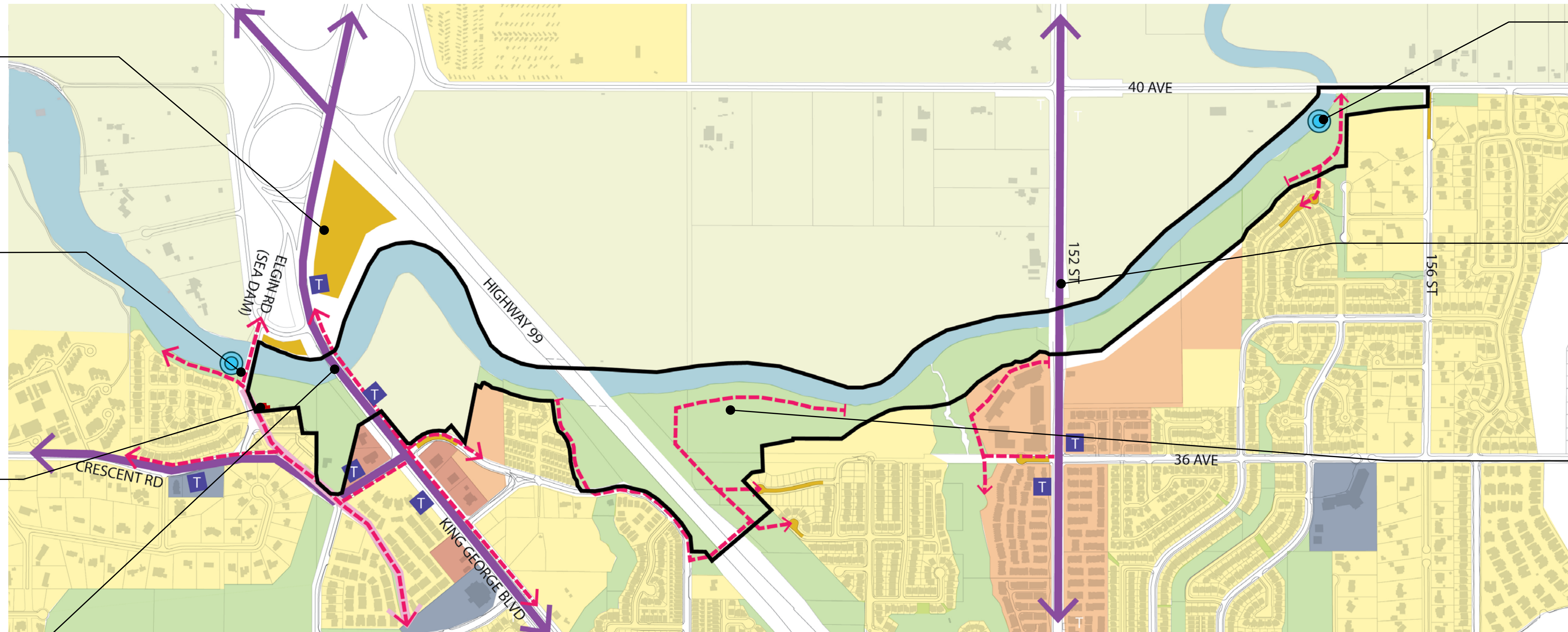
Sea Dam



Billy Hadden House



Bailey Bridge / King George Blvd Crossing



Existing Boat Launch



152 St. Bridge



Habitat Park

- - - EXISTING PEDESTRIAN ROUTES
- SEMIAHMOO TRAIL
- TRANSIT ROUTE

- T BUS STOP
- BOAT LAUNCH POINT
- PARKING

- LAND USES
- SINGLE FAMILY RESIDENTIAL
  - INSTITUTIONAL/SCHOOL
  - MULTI-FAMILY RESIDENTIAL
  - PARKS & OPEN SPACE
  - COMMERCIAL
  - ALR

- PARK BOUNDARY

## Community Consultation

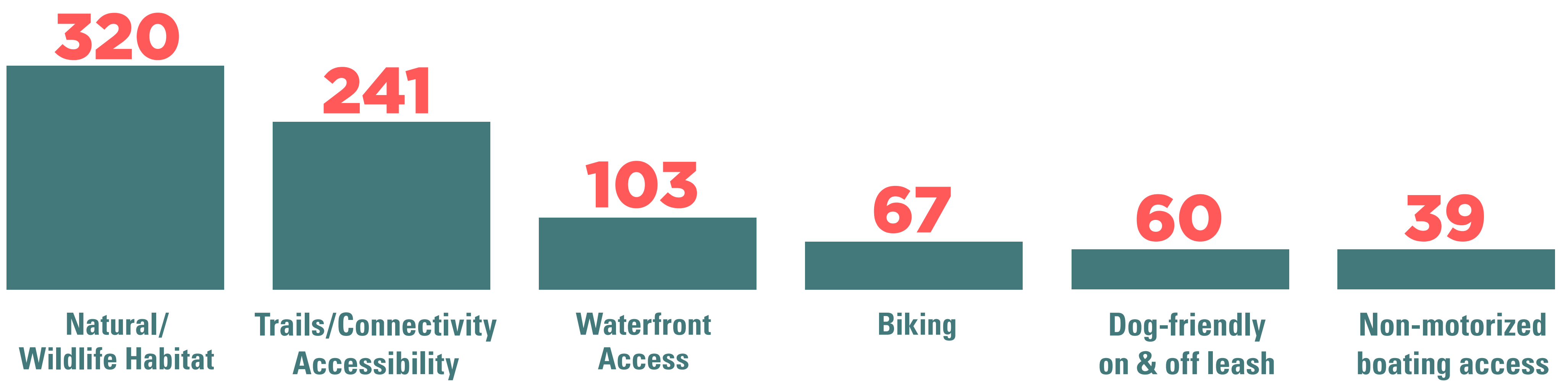
*Deal with the agricultural run off to improve water quality. - Josef H*

*Allow walk/bike on dyke on north side of river, like in Delta. - Lee G*

# WE ASKED YOU

What's important to you in shaping Surrey's longest riverfront park?

## WE HEARD YOU SAY...



**85%** Support the draft Planning Principles.

**80%** Support the draft Park Concept Plan.

### YOUR TOP CONCERNS:

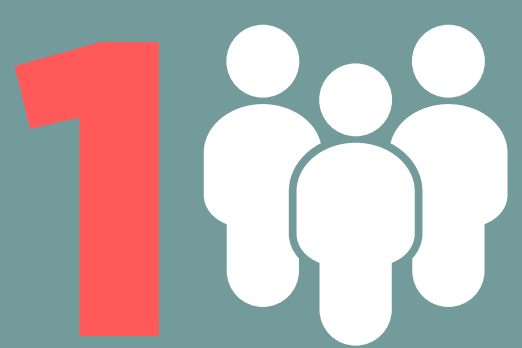
Safety; Maintenance; Community, kids and family space; seating and viewing areas; easy access and parking; information; education and art

### OTHER RECOMMENDATIONS:

Parking/Traffic; Development of Rosemary Retreat; Path to Crescent Beach

## OVER 2000 RESPONSES

**1,400+ Responses**



**1 PUBLIC OPEN HOUSE**  
Held on Sept 24, 2018



**1 SURVEY**

**600+ Responses**



**14,000+**

VIEWS ON SOCIAL MEDIA



**EMAILS/  
PHONE CALLS**



**1 WALKING TOUR**  
World Wetland Event  
Held on Feb 2, 2019



**7 MEETINGS / WORKSHOPS WITH:**  
First Nations, Stakeholders,  
Kids Conference, Youth Speak Up Forum



**SURREY PARKS**

Connecting through nature + play

**CITY OF SURREY**

# PARK PLANNING PRINCIPLES

## PARK VISION STATEMENT:

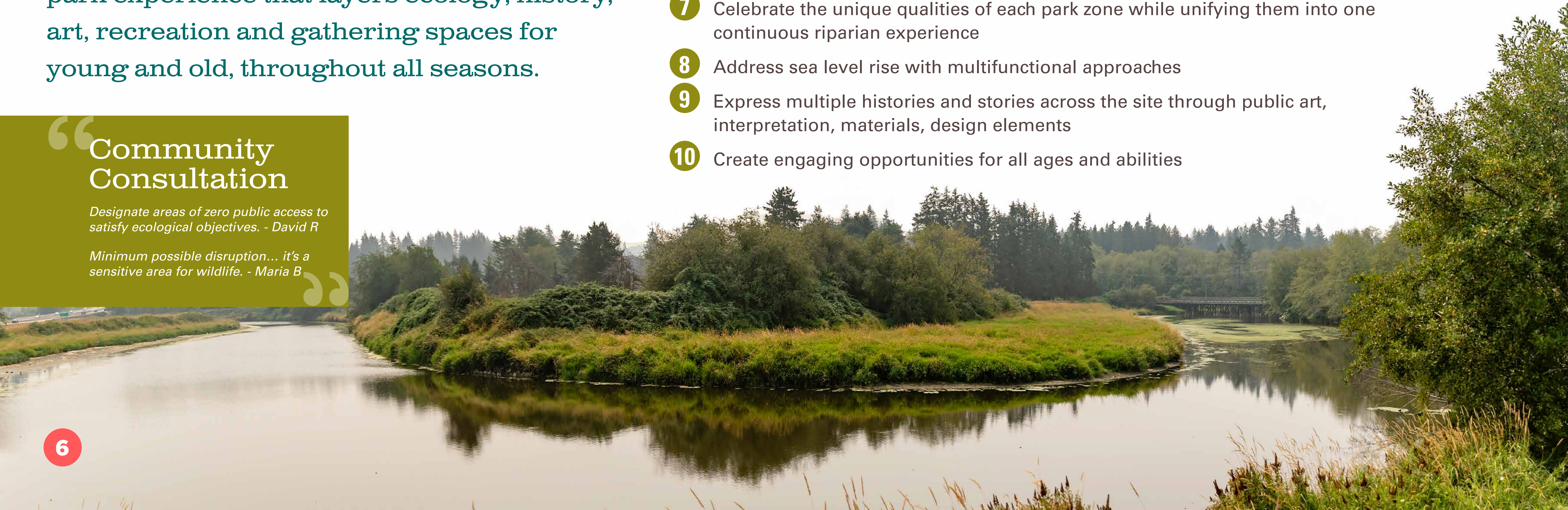
The Nicomekl Riverfront Park will link, restore and amplify the unique ecological park zones along the Nicomekl River into a coherent, resilient and beautiful riverfront park experience that layers ecology, history, art, recreation and gathering spaces for young and old, throughout all seasons.

### Community Consultation

*Designate areas of zero public access to satisfy ecological objectives. - David R*

*Minimum possible disruption... it's a sensitive area for wildlife. - Maria B*

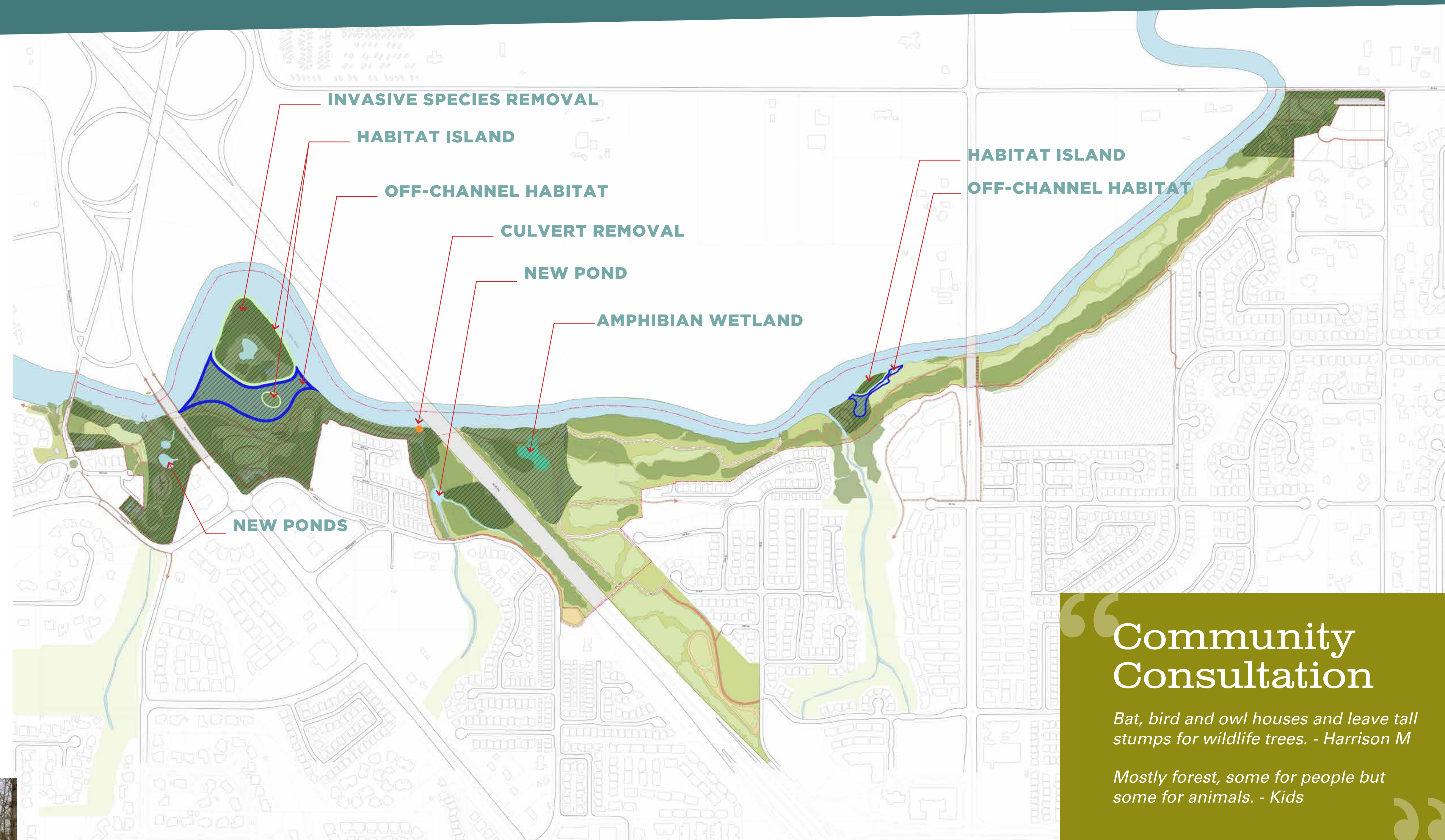
- 1 Create access to the river - connect the park into the greater land and water networks and systems
- 2 Allow the experience of the river to be the primary organizing feature of the park
- 3 Protect, restore, enhance and increase ecological corridors, patches, tree canopy and shoreline complexity
- 4 Balance ecological integrity with park programming
- 5 Increase the biodiversity and resilience of each park zone
- 6 Engage First Nations and the public to work toward Reconciliation
- 7 Celebrate the unique qualities of each park zone while unifying them into one continuous riparian experience
- 8 Address sea level rise with multifunctional approaches
- 9 Express multiple histories and stories across the site through public art, interpretation, materials, design elements
- 10 Create engaging opportunities for all ages and abilities



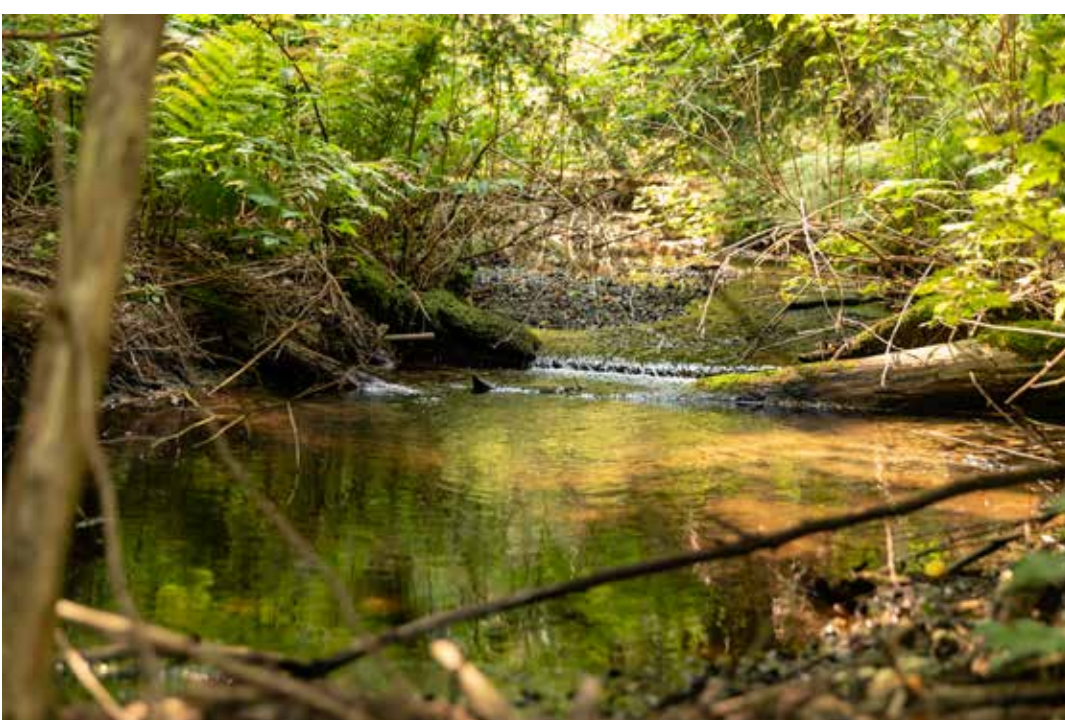
# ENVIRONMENT

## Key Recommendations:

- + Limit public access in areas with sensitive environments
- + Remove invasive species
- + Restore native plant communities
- + Create habitat islands without any human access
- + Create new ponds and wetlands to provide habitat for sensitive species
- + Create off-channel habitat for fish
- + Increase shoreline complexity and canopy cover to improve the health and water quality of the river
- + Protect sensitive environment and ecosystems with dogs on-leash on all pathways except no dogs on boardwalks



## Habitat Enhancement Opportunities



Elgin Creek



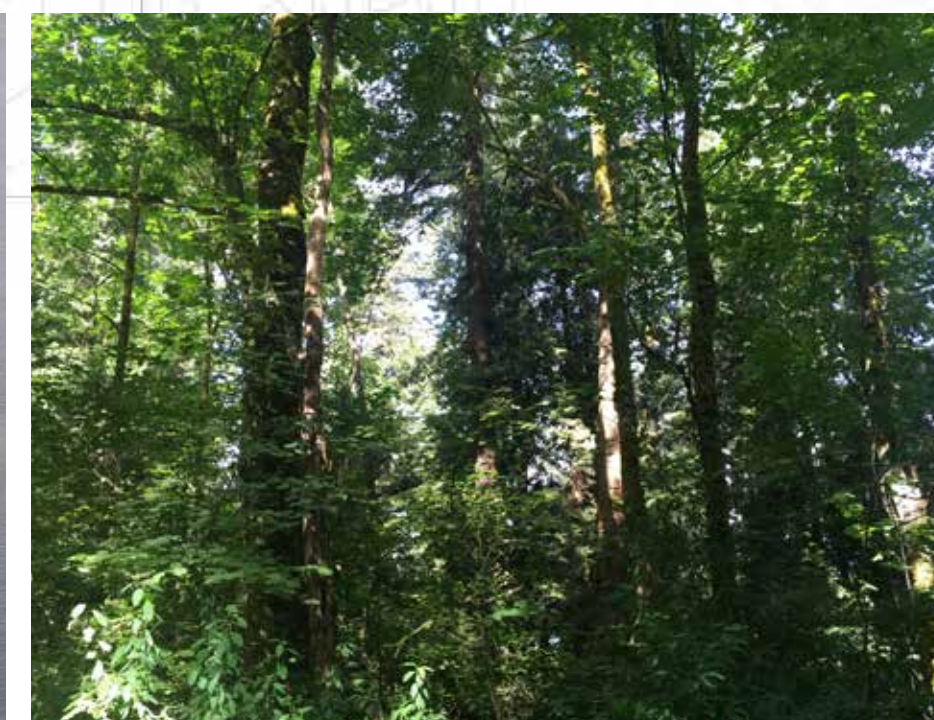
Anderson Creek



Barbara Creek Floodplain



Proposed Habitat Islands



Bluff Forest on East End of Riverfront



Unique Plant Communities



Proposed Amphibian Wetland

## Community Consultation

*Bat, bird and owl houses and leave tall stumps for wildlife trees. - Harrison M*

*Mostly forest, some for people but some for animals. - Kids*

# HERITAGE

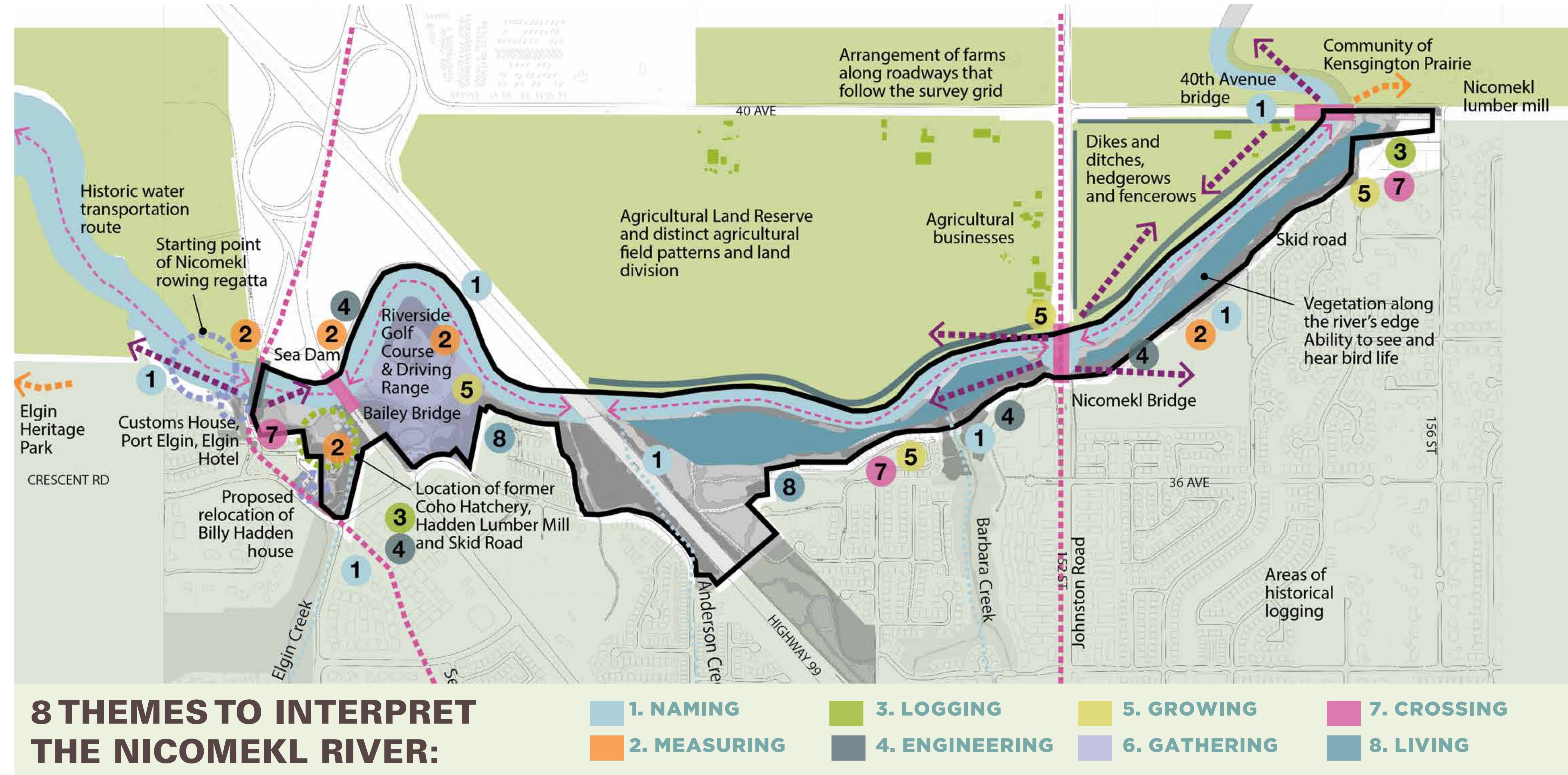
The Nicomekl River has shaped South Surrey through: First Nations travel and livelihood; as a means of newcomer settlement; for its productiveness and use; and as part of the wider Fraser River watershed.

## Key Recommendations:

- + Show complex, interwoven histories of people, cultures and place
- + Connect Indigenous and non-Indigenous people and communities
- + Communicate the significance of the river
- + Use interpretation to invite people to interact with each other and the space
- + Reveal the tangible and intangible heritage of the area and allow the invisible to be made visible

## Key recommendations from Semiahmoo First Nation:

- + Include: canoe launch; First Nation historic elements; venues for First Nation events and Aboriginal tourism; and Aboriginal programs
- + Conduct an extensive archeological impact assessment
- + Use traditional names
- + Integrate medicinal/ traditional First Nation native plants
- + Improve salmon habitat, water quality



## Community Consultation

History markers explaining the river's use for trading/logging. - Craig M

Signs that tell the stories of nature. - Anita S



Logging in South Surrey (Surrey Archives)



Sea Dam on the Nicomekl River (Surrey Archives)



Bridge over the Nicomekl River at Semiahmoo Trail with Customs House in background, 1880 (Surrey Archives)



Johnston Road (152 Street) before construction of the overpass, 1968 (Surrey Archives)



Fishing off the Nicomekl River Dam, 1966 (Surrey Archives)

# PUBLIC ART

## Examples of Interpretive Elements



### Key Recommendations:

- + Use public art and interpretive elements to enhance the experience of the park without distracting from its natural beauty
- + Integrate interpretive elements into the design and programming of the park in many ways and at multiple scales

## Examples of Public Art



### Art in the park might be:

- + Used as a way-finding element
- + Discrete, small work that is discovered
- + Iconic, prominent gateway element
- + Integrated into/onto a functional object such as a bench, lookout or bridge
- + Temporary or permanent
- + Spaces for artistic events and rituals



## Community Consultation

Relevant plaques, carvings, installations along path/river. - Chandler T

Multi-cultural art. - Youth



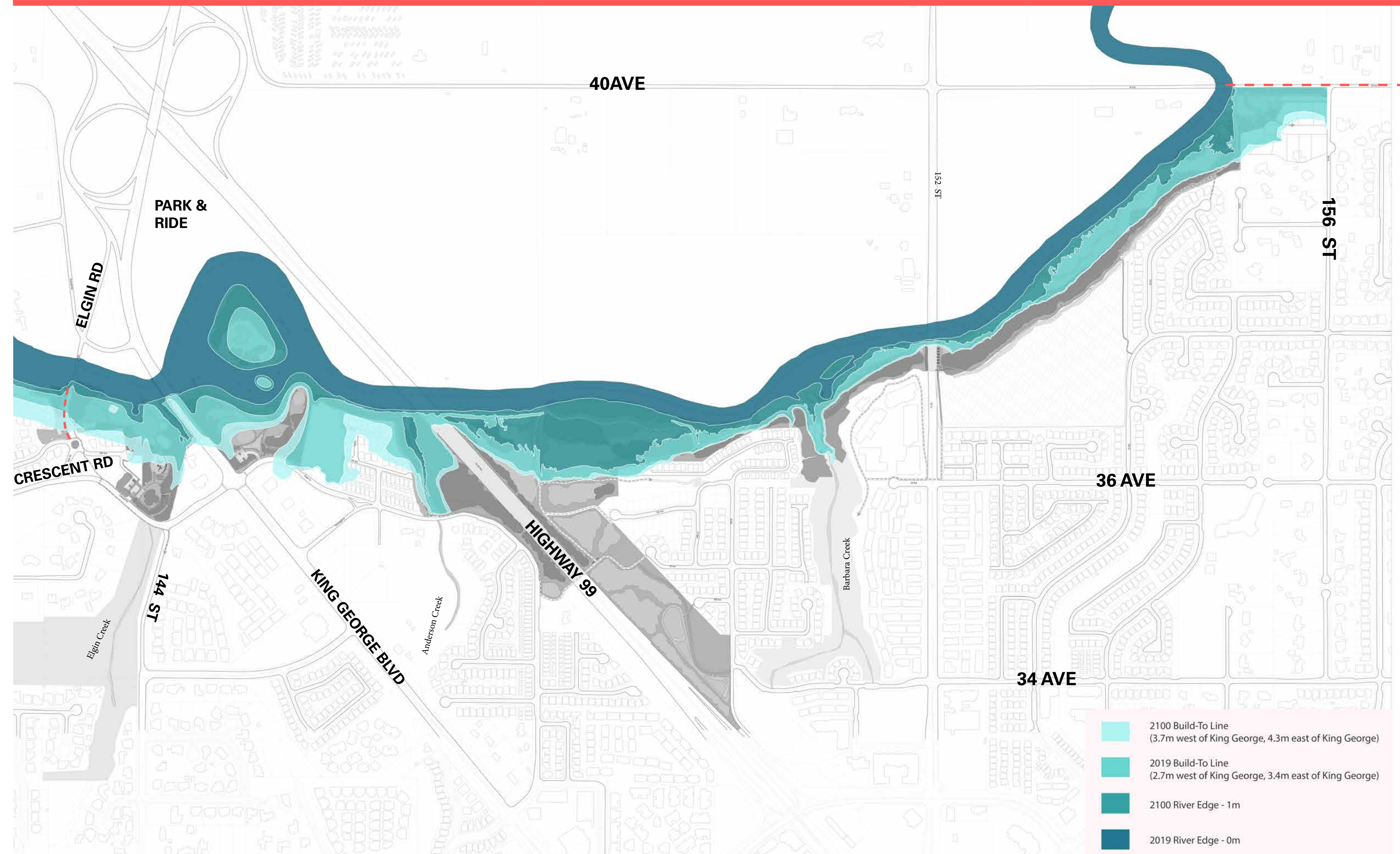
# CLIMATE CHANGE & SEA LEVEL RISE

The Nicomekl River flows through a low lying area of the City of Surrey and is vulnerable to future sea level rise. This **management plan** addresses climate change and sea level rise **to create a resilient and adaptable park.**

## Key Recommendations:

- + Create more room for the river to accommodate higher water levels
- + Re-establish native ecology to help control erosion, absorb stormwater, sequester carbon, cool the urban environment and provide habitat
- + Provide gathering spaces at higher elevations for people to be able to use over time
- + Protect heritage on the site by relocating the Billy Hadden House to higher ground
- + Incorporate opportunities to monitor changing water levels

## POTENTIAL SEA LEVEL RISE AND FLOODING IN PARK



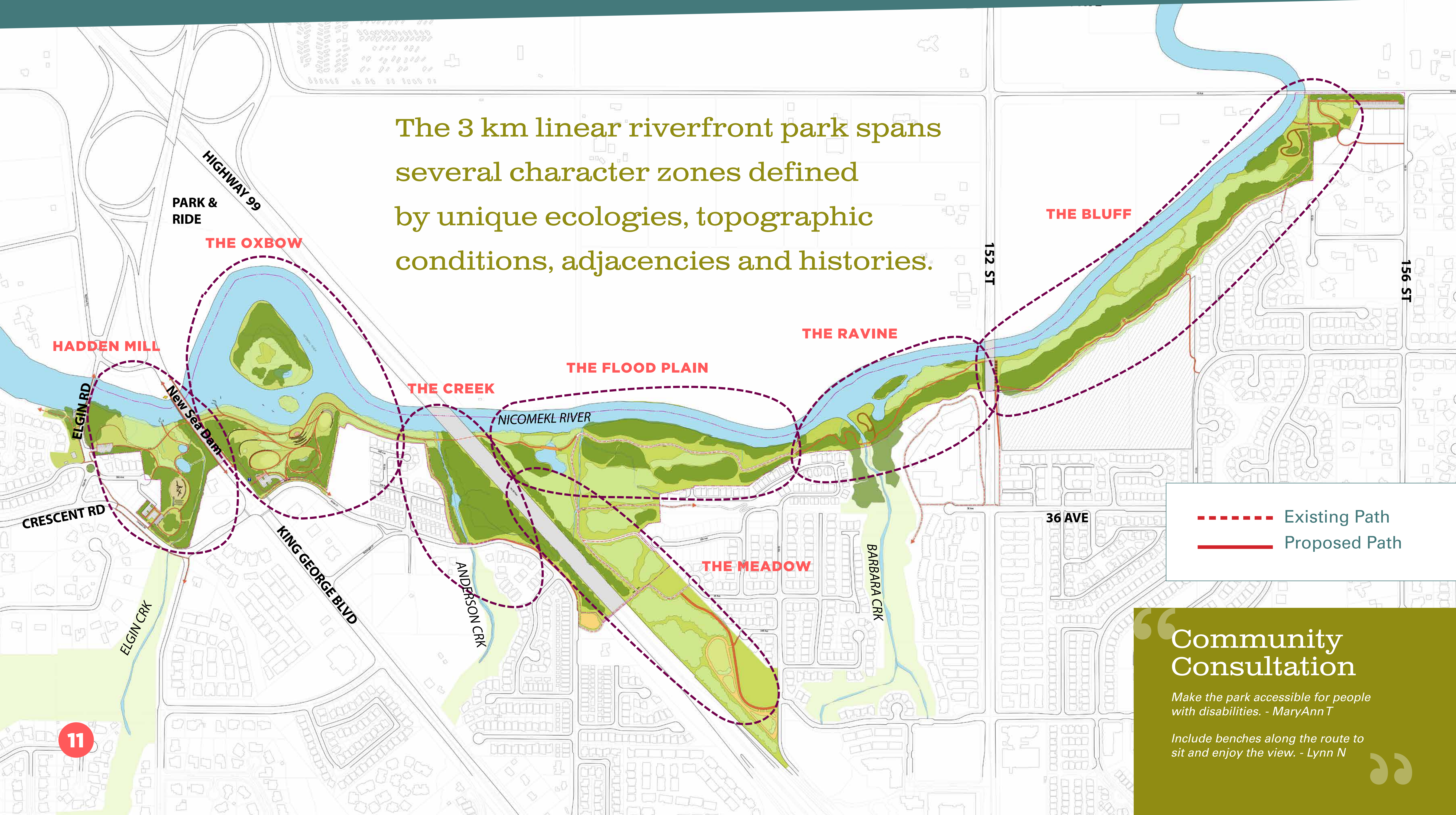
## Community Consultation

Keep it natural to deal with the flooding. - T D

Tackle dyke erosion and plant trees on the dyke for shade. - Richard K

# PARK CONCEPT PLAN

The 3 km linear riverfront park spans several character zones defined by unique ecologies, topographic conditions, adjacencies and histories.



- Existing Path
- Proposed Path

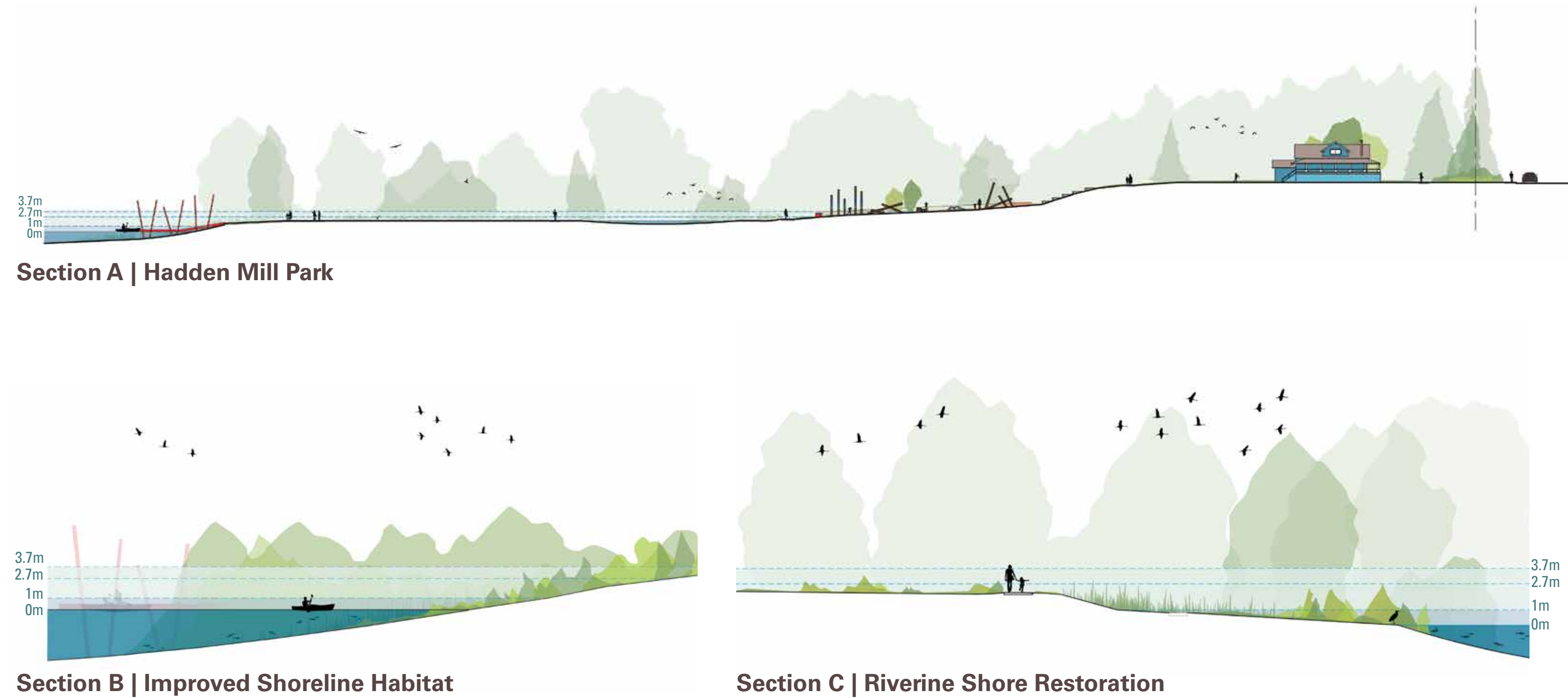
## Community Consultation

*Make the park accessible for people with disabilities. - MaryAnn T*

*Include benches along the route to sit and enjoy the view. - Lynn N*

# HADDEN MILL / CONCEPT PLAN

The Hadden Mill park space interprets the rich history of the Hadden family, Ramsell Salmon Hatchery, and a return to riverine habitat with the sea dam relocated to King George Boulevard. The design includes an interpretive gathering space, natural playground, naturalized salmon ponds, restored wet meadow, Elgin Creek viewpoint and a new interpretive dock.



Billy Hadden House

Dock and River Access

Active Children's Play

Natural Children's Learning, Salmon Habitat



- 1 New Sea Dam
- 2 Relocated Billy Hadden House
- 3 Parking Lot
- 4 Semiahmoo Trail
- 5 Public Trail to Elgin Heritage Park and Stewart Farm
- 6 Future Under-Bridge Pedestrian Crossings
- 7 Dock/ Canoe/Kayak launch
- 8 Salmon Hatchery Ponds w/ Gathering Decks
- 9 Natural Playground
- 10 Small Amphitheatre
- 11 Elgin Creek Viewpoint
- 12 Toilet Facility
- 13 Wet Meadow
- 14 Gateway Artwork
- 15 Existing Boat Launch

*\*Public art and interpretive elements will be integrated through the park*

PLEASE NOTE: FURTHER PUBLIC CONSULTATION WILL OCCUR IN THE DETAILED DESIGN PHASE.

**Community Consultation**

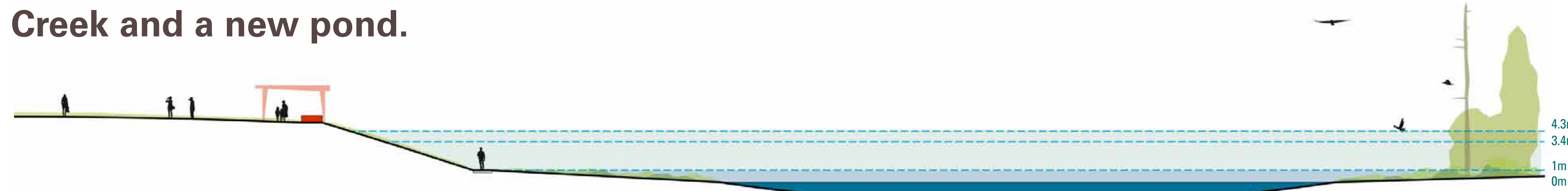
Improve fish habitat with natural features & new sea dam design. - Stakeholders

Incorporate features specific to canoes and kayaks. - Svsh96

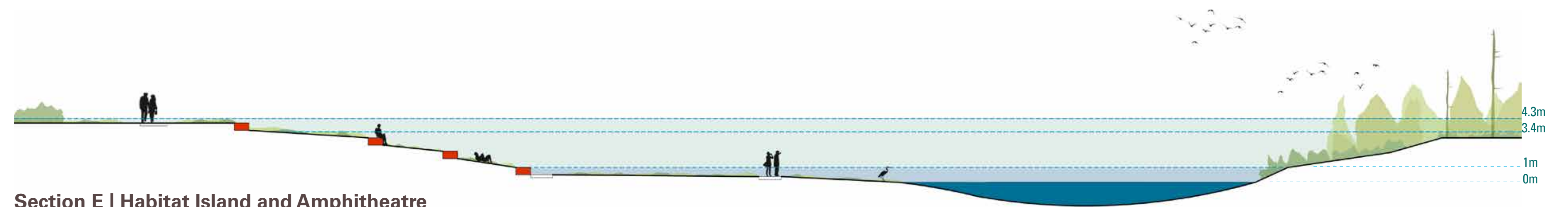
12

# THE OXBOW & CREEK / CONCEPT PLAN

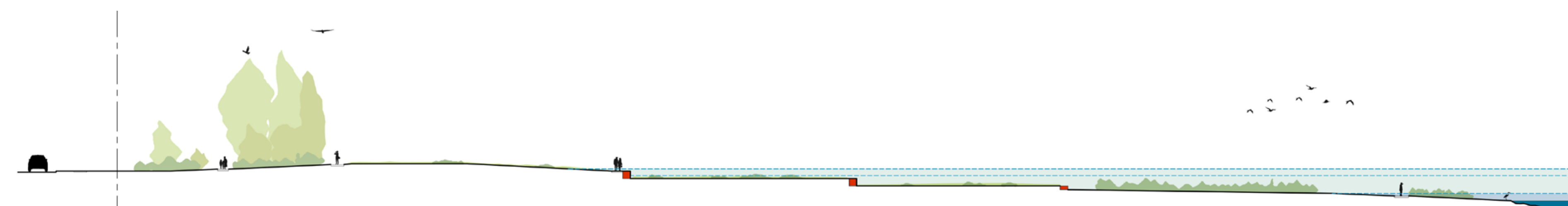
The old golf course and driving range site (The Oxbow) was historically a floodplain. The design addresses sea level rise by creating more room for the river and sculpting the land into terraces with floodable landscapes. It also features a new habitat island, an amphitheatre with performance space, First Nations ethnobotanical walk, a teaching/celebration circle, a picnic shelter, a great lawn, and looping pathways through restored ecosystems. The Creek zone features enhancements to Anderson Creek and a new pond.



Section D | Habitat Island and Oxbow Viewpoint



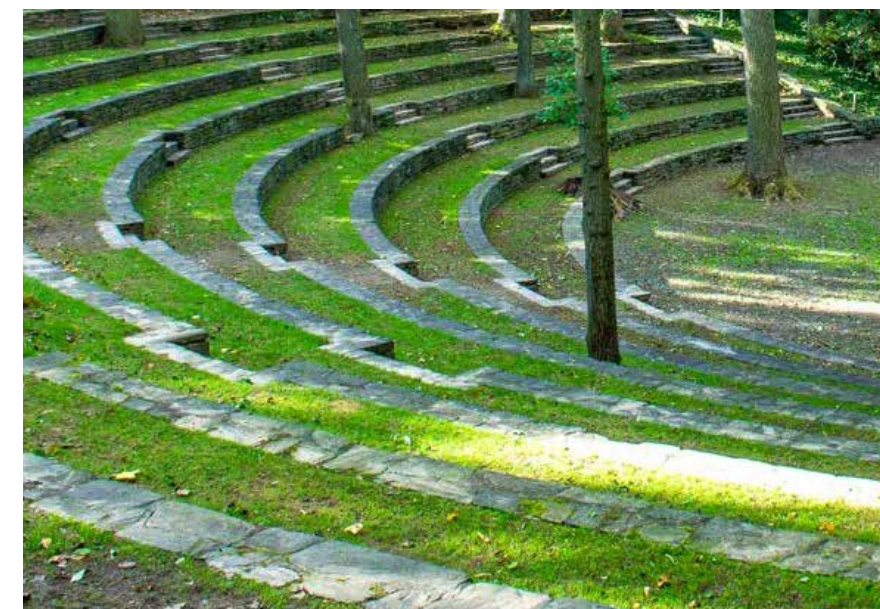
Section E | Habitat Island and Amphitheatre



Section F | Great Lawn and Floodable Tiers



Habitat Island



Amphitheatre



Sculptural Picnic Shelter



Floodable Tiers



\*Public art and interpretive elements will be integrated throughout the park

- 1 Parking Lot
- 2 Future Under-Bridge Pedestrian Crossing
- 3 Canoe/ Kayak Dock
- 4 Habitat Island
- 5 Off Channel Habitat- Room for the River
- 6 Pond
- 7 Amphitheatre
- 8 Bluff Viewpoint
- 9 Teaching/Celebration Circle with Picnic Shelter
- 10 Demonstration Crops/ Floodable Tiers
- 11 Great Lawn
- 12 Ethnobotanical Walk
- 13 Toilet Facility
- 14 Culvert Removal with Stream Restoration and Pedestrian Bridge
- 15 Road Buffer
- 16 Bus Stop

## Community Consultation

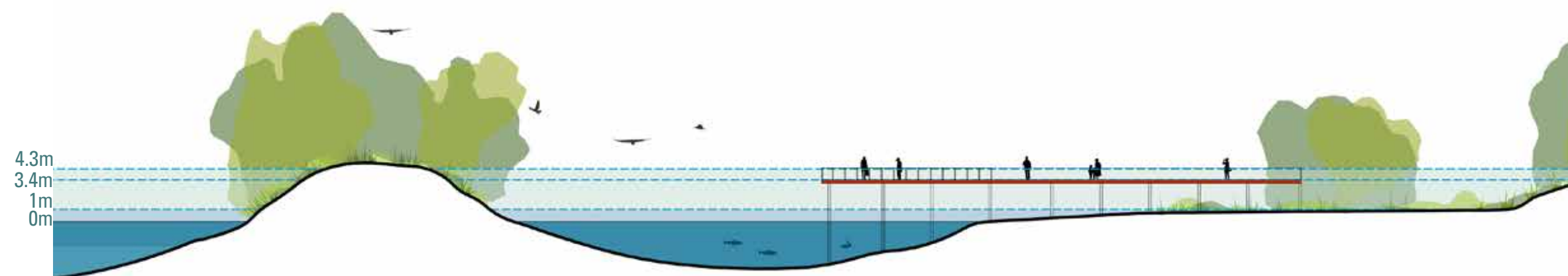
Investigate creative parking solutions, e.g. drop off zone. - Stakeholders

PLEASE NOTE: FURTHER PUBLIC CONSULTATION WILL OCCUR IN THE DETAILED DESIGN PHASE.

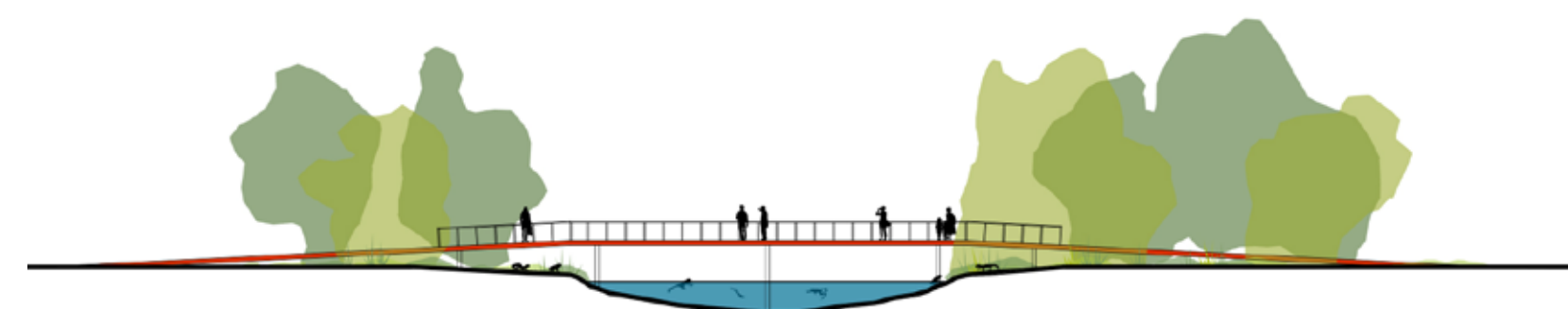
# THE FLOODPLAIN, THE MEADOW, & RAVINE

## CONCEPT PLAN

These park zones prioritize ecological enhancement and habitat connectivity. This includes a more complex riparian edge and habitat island at Barbara Creek, removing invasive species and re-establishing native ecologies, and an amphibian pond. A pedestrian pathway and boardwalk connect these features.



Section G | Habitat Island and Boardwalk Loop



Section H | Amphibian Habitat Pond and Bridge



Raised Boardwalks from gravel paths



Boardwalk with Integrated Seating



- 1 Future Under-Bridge Pedestrian Crossing
- 2 Boardwalk Loop
- 3 Dock/ canoe/ kayak rest point
- 4 Off Channel Habitat
- 5 Habitat Island
- 6 Wetland with Bridge

- 7 Enhanced Hydro Corridor Park Space
- 8 Fenced Off-Leash Dog Park

*\*Public art and interpretive elements will be integrated throughout the park*

PLEASE NOTE:  
FURTHER PUBLIC  
CONSULTATION WILL  
OCCUR IN THE DETAILED  
DESIGN PHASE.

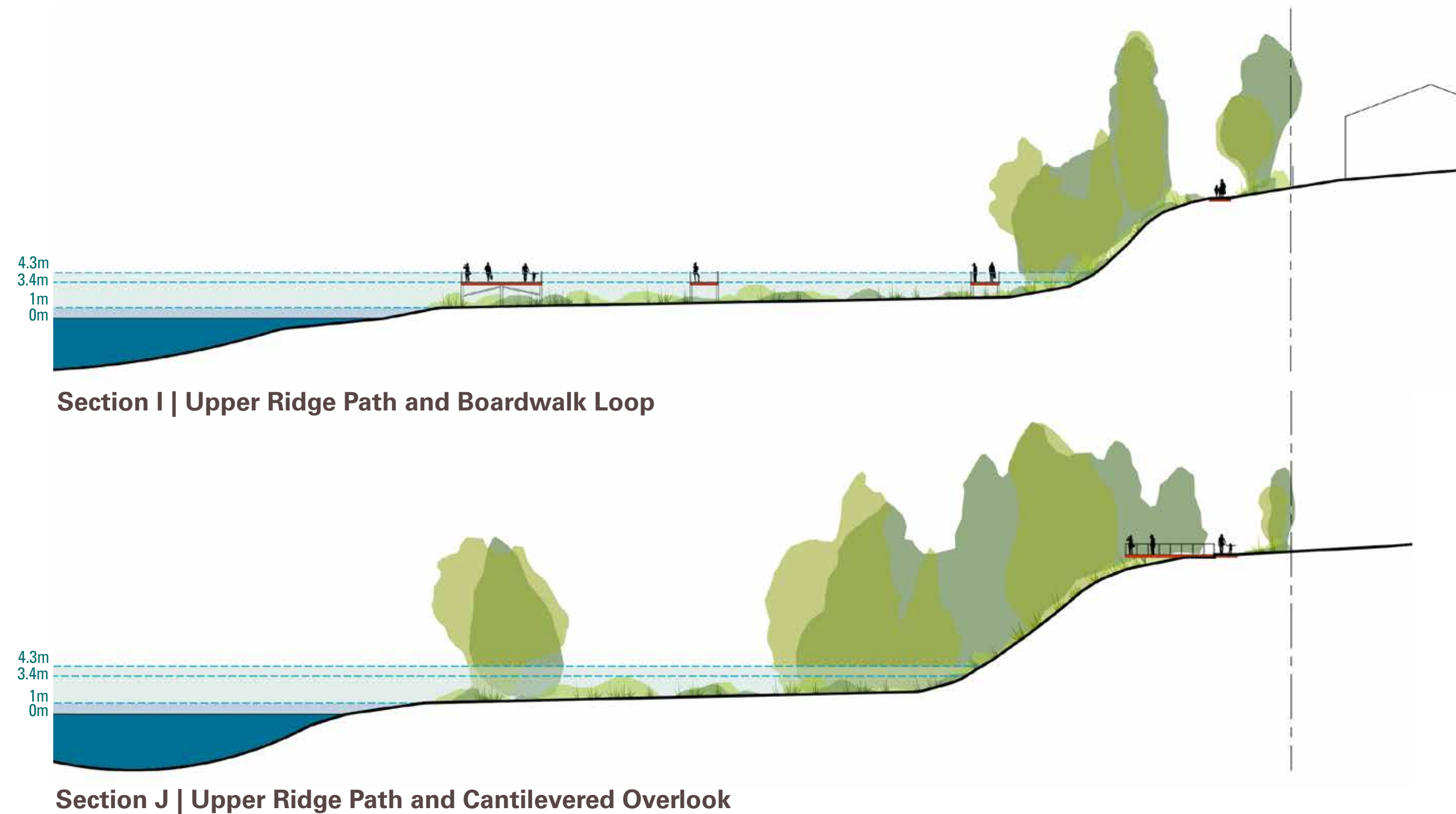
### Community Consultation

*Off-Leash dog park please. - Karthik K*

*Will there be park access at different locations along its length? - Judy G*

# THE BLUFF / PARK CONCEPT PLAN

The steep slope between the river and residential lands above is the defining characteristic of the Bluff. By locating the walking path on top of the slope, the bluff and floodplain remain intact as a wildlife corridor. An enhanced boat launch, boardwalk and cantilevered treetop viewpoints allow access and enjoyment while protecting sensitive habitat.



PLEASE NOTE: FURTHER PUBLIC CONSULTATION WILL OCCUR IN THE DETAILED DESIGN PHASE.

## Community Consultation

Concerned about trespassing and vandalism at the farms around the park. - Mike N



\*Public art and interpretive elements will be integrated through the park

- 1 Parking Lot and Entrance off 156 St
- 2 Future Under-Bridge Pedestrian Crossing at 152nd St.
- 3 Boardwalk Loop
- 4 Canoe/ Kayak Launch
- 5 Toilet Facility
- 6 Cantilevered viewpoints in Bluff Forest - Deciduous
- 7 Cantilevered viewpoints in Bluff Forest - Coniferous
- 8 Wildlife Movement Corridor along Steep Bluff

# PROPOSED FEATURES



Boardwalk



Viewpoint



Pedestrian Bridge



Gathering Place



Nature Trail



Amphitheatre



Parking Lot



Picnic



Habitat Island



Stage



Public Art



Seating



Picnic Shelter



Salmon Habitat



Natural Playground



Natural Children's Learning



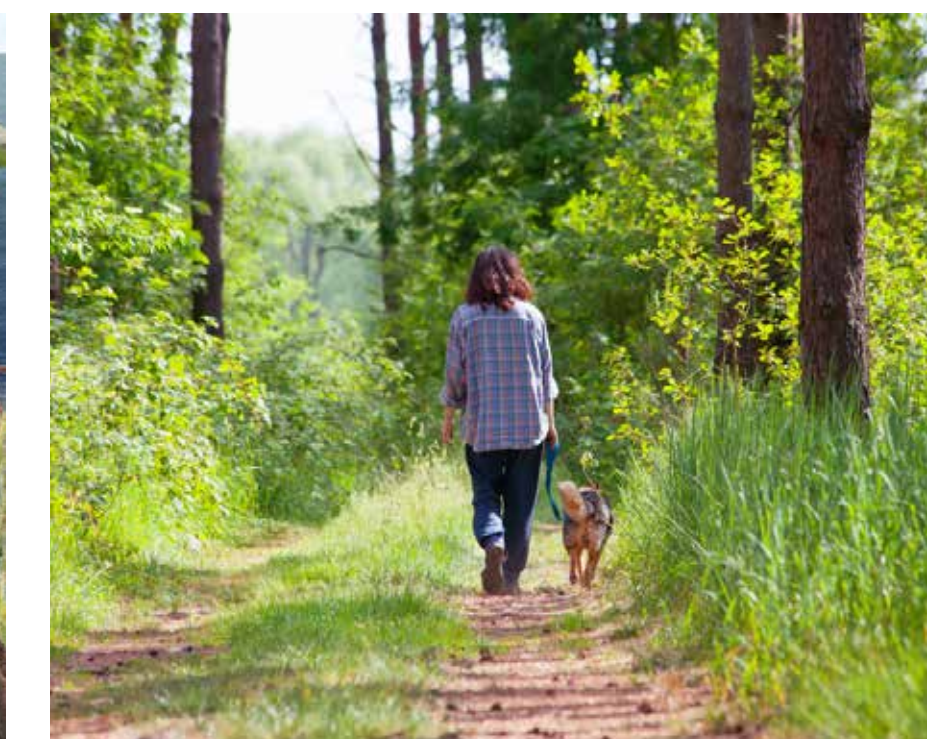
Dock



Kayaks, Canoes, Stand-up Paddleboards launch points



Birdwatching



On-Leash Dogwalking



Washrooms



Ethnobotanical Walk



Earthworks



Bird Boxes



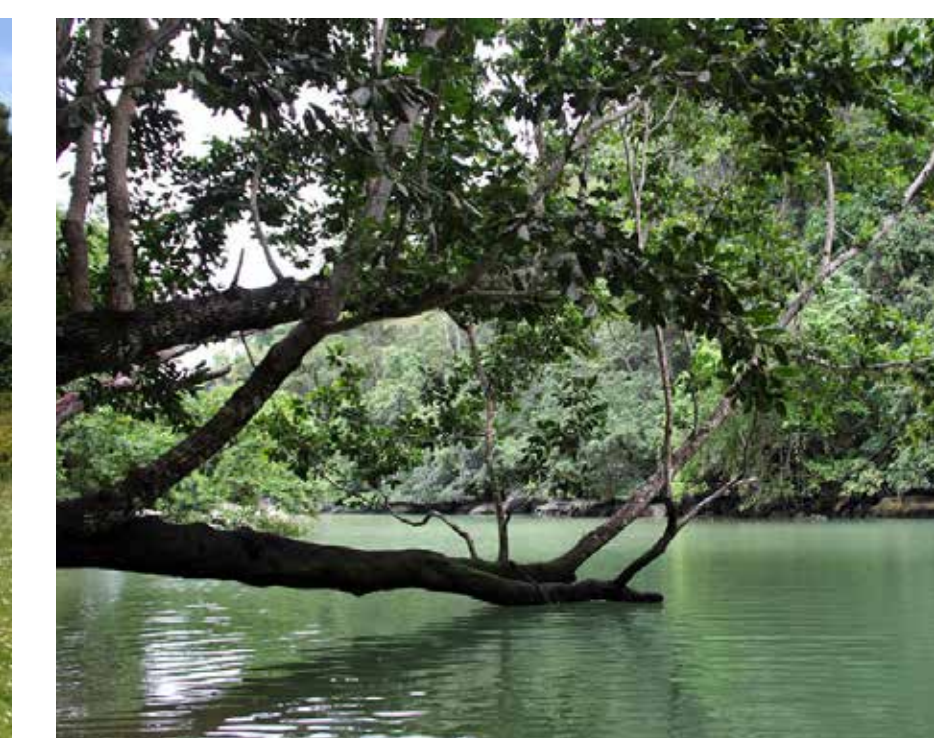
Native Meadow



Interpretive Signage



Open Lawn



Riparian Habitat

# SHARE YOUR THOUGHTS WITH US

Remember to fill out the survey here on an iPad or online at your own convenience.



**ACCESS SURVEY HERE** ...or online [surrey.ca/parks](https://surrey.ca/parks)

## FOR MORE INFO:

Email [nicomeklriverfront@surrey.ca](mailto:nicomeklriverfront@surrey.ca)

Call 604.501.5050

WINTER 2018

**WE ARE HERE**

SUMMER 2019

TBD

TBD

Site Analysis  
[Feb-May 2018]

Preliminary Planning  
[May-Sept 2018]

Community Consultation & Concept Planning  
[Sept 2018-Aug 2019]

Final Park Concepts & Management Plan  
[Aug-Sept 2019]

Your next opportunity to share ideas is in the detail design phase.

Construction

Planning & Engagement

Detailed Park Design & Engagement

Construction