

WHY RESTORE LOWER TAYLOR CREEK?



OUR COMMUNITY FACES:



Failing and aging infrastructure.



Sediment deposition on private and public property.



Localized flooding.

THE PROJECT WILL:

-  Improve the stream channel and surrounding habitat.
-  Improve fish passage.
-  Replace the culvert under Rainier Avenue S.
-  Address storm-related flooding and provide sediment management.
-  Provide public access at the site once construction is complete.



EXAMPLES OF OTHER SUCCESSFUL RESTORATION PROJECTS

LOWER MAPES CREEK RESTORATION PROJECT

- ✓ Improved habitat for salmon and aquatic species.
- ✓ Moved creek out of storm pipe and opened creek to Lake Washington through Beer Sheva Park.
- ✓ Included park improvements.



seattle.gov/util/mapesCreek

BEAVER POND NATURAL AREA

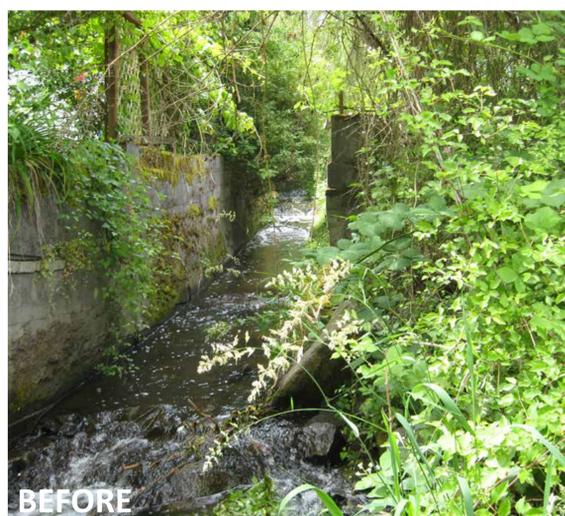
- ✓ Improved wildlife habitat and restored stream.
- ✓ Provided safety improvements.
- ✓ Provided natural area amenities.



seattle.gov/util/meadowbrookthorntoncreek

THORNTON CREEK IMPROVEMENT

- ✓ Reduced road flooding and closures on 35th Ave NE.
- ✓ Increased floodplain storage.
- ✓ Improved salmon habitat.



seattle.gov/parks/projects/thornton_creek/naturalize_northgate

WHAT WE'VE DONE SO FAR

1

IDENTIFIED PROJECT NEED(S)

Defined key problems the project should address, including failing and aging infrastructure; sediment impacts on private and public property; and localized flooding and fish passage.

2

ACQUIRED PROJECT AREA

Purchased property at lower reaches of Taylor Creek.

3

COMPILED POTENTIAL SOLUTIONS

Identified 26 planning concepts that could address project needs.

4

PERFORMED INITIAL REVIEW

Evaluated planning concepts with regard to technical feasibility, cost-effectiveness, and community and environmental impact. Six concepts prioritized.

5

EXPANDED PROJECT AREA

A key property became available for purchase, enabling more design flexibility.

6

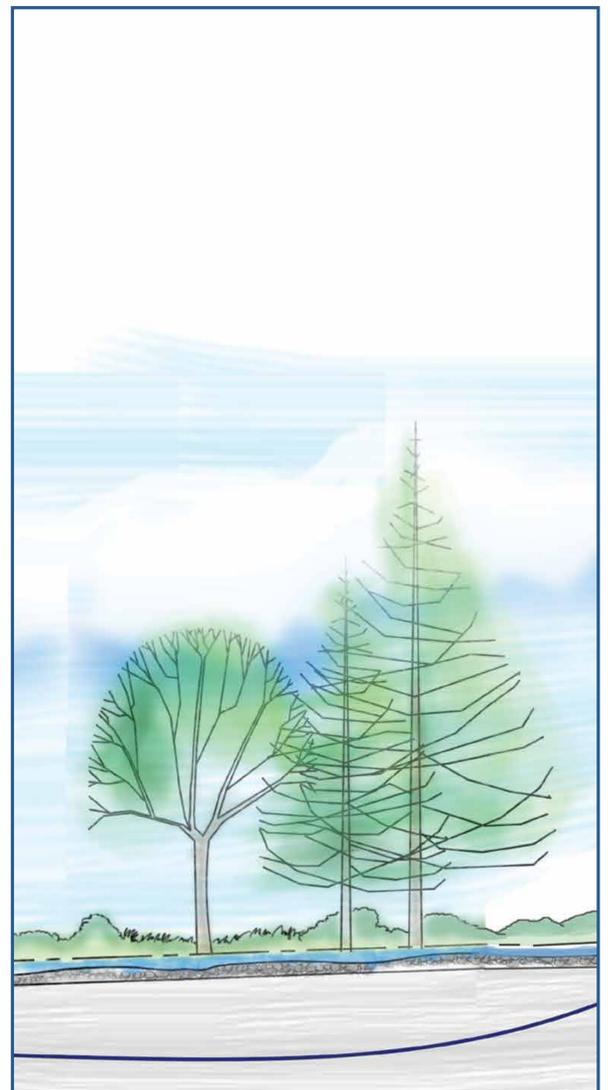
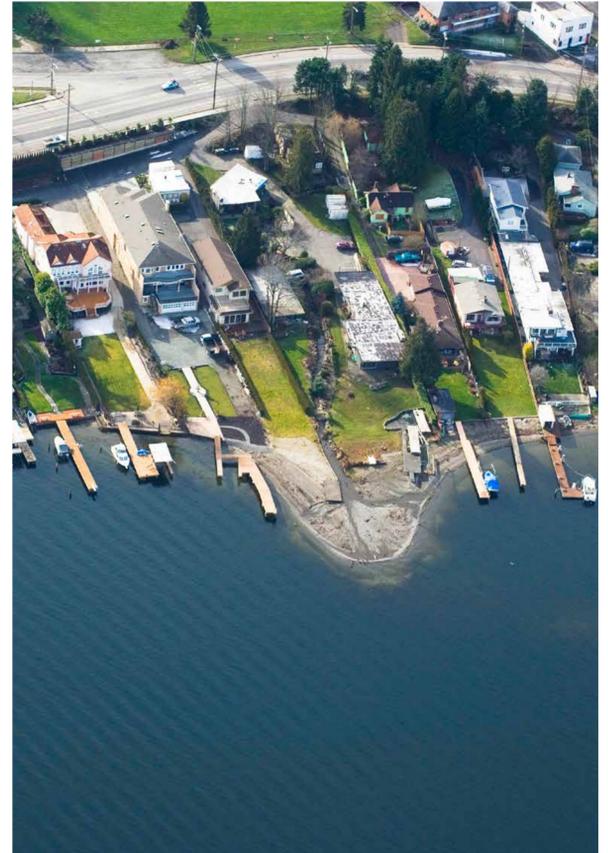
REFINED CONCEPTS

Re-visited the 6 top-ranking planning concepts and identified 3 concepts that fall entirely within the new project boundary.

7

TODAY: PRESENTING 3 CONCEPTS

Hosting Open House to share the top 3 planning concepts with community members, collect input, and introduce next steps.



PLANNING CONCEPTS MUST HAVES



Concept Considerations		
Key Element		Goal
Habitat Enhancement	1	Enhance habitat at the shoreline.
Meets Washington Department of Fish and Wildlife Standards	2	Keep velocities slow and depths in the channel similar to natural conditions for fish as required by the Washington Area Code (WAC 220-110-070).
Natural Area with Restoration	3	Remove 4 houses, restore site with natural plantings, and other natural features.
Gentle Slopes	4	Keep slopes less than four percent grade through the project site for habitat enhancement.
Fits Under Road Section and Avoids Utility Conflicts	5	Keep the existing road grade and avoid existing sewer line.
Smooth Transitions	6	Keep reaches of the stream within an approximate one percent grade difference so that sediment does not accumulate at the grade change.
Drop	7	Remove the 4-foot drop to allow for fish passage.

OPTION 1



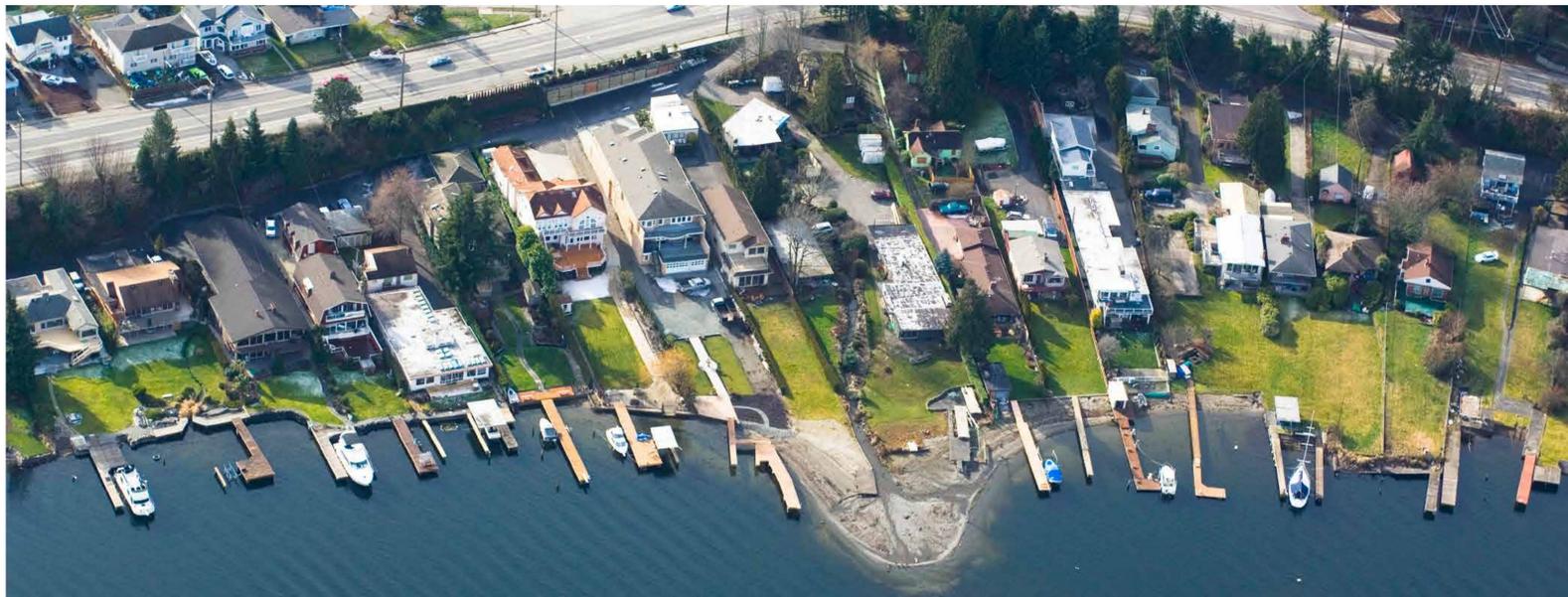
OPTION 2



OPTION 3



WHAT'S NEXT? GETTING TO A PREFERRED CREEK ALIGNMENT



1

EVALUATE STREAM CREEK ALIGNMENTS

Evaluate the technical and non-technical aspects of stream creek alignments including the following criteria:

Fish and Habitat Restoration

Construction and Schedule Risks (Constructability)

Operations and Maintenance

Impacts to Lakeridge Park

Public Safety

Traffic Mobility

Community Input

Present Value of Life Cycle Costs

The project team will incorporate today's feedback when evaluating community input.

2

SELECT PREFERRED ALIGNMENT

Select a preferred creek alignment based on the evaluation.

PRESENT PREFERRED ALIGNMENT

Present the selected creek alignment at a community Open House in Fall 2015.

WHERE DO YOU LIVE?



HOW DO YOU CURRENTLY ACCESS LAKE WASHINGTON?

I drive.

I walk / jog.

I wheel.

I bike.

I bus.

I call a friend.

I hire a taxi.

I don't.

I... (other)

HOW DO YOU CURRENTLY USE LAKERIDGE PARK?

I play sports.

I walk my dog.

I have picnics.

I watch my
child(ren) play.

I enjoy nature.

I walk for exercise.

I socialize.

I paint, draw, or
take photos.

I... (other)

HOW WOULD YOU LIKE TO USE LAKERIDGE PARK AND THE PROJECT SITE IN THE FUTURE?

Bring my family for recreation and gatherings.

Walk my dog.

Appreciate wildlife.

Meditate.

Socialize with my neighbors.

Enjoy great views.

Watch the sunrise.

Exercise.

(other)