



# DETROIT MARINAS EXCAVATION AND RESILIENCY PROJECT

## February 2023

### Building a more resilient community

Detroit Lake is a cherished place where residents and visitors enjoy scenic beauty and recreation opportunities. The marinas on Detroit Lake are cornerstones of community activity, supporting the lake's celebrated watersport culture and fueling the local economy in the warm seasons.

Over recent years, the community's economy has been strained by the impacts of the COVID-19 pandemic, wildfires and conditions that shorten the amount of time residents and visitors can access the lake.

### Multiple factors have affected Detroit Lake's ability to maintain a "full pool" depth during summer, including:



Changing weather patterns



Municipal water needs



Fish and wildlife mitigation policies



Five-foot reduction of "full pool" depth to mitigate seismic hazards at Detroit Dam

### Increasing lake access and community benefits

The purpose of the Detroit Marinas Excavation and Resiliency Project is to assist Detroit Lake Marina and Kane's Marina to maintain operations through the summer. This may include strategically excavating sediment beneath the docks so the marinas can operate at lower water levels. This will help maintain an annual summer lake season of May 1 to October 1 and support the local economy.

### This resiliency project is estimated to create:

- **\$1.2 million** annually in direct and indirect economic activity throughout the region of the North Santiam Canyon.
- **\$14.6 million** in net economic gain for the region over 20 years.

### Multiplying benefits through beneficial reuse of excavated sediment material

While there is broad support for potential excavation at the marinas, Marion County has heard concerns during previous community outreach about where the excavated sediment material would be located.

In response to community comments, Marion County is exploring opportunities for "beneficial reuse" of excavated material that could increase benefits to the community. For example, the material could be used to construct new parks and trails, habitat for fish and wildlife, or other recreation opportunities.

### Commitment to community engagement

As part of the design process, Marion County will present several options for how any material excavated from the marinas might be used to build new benefits for the community. These options will be based on the U.S. Forest Service Detroit Lake Restoration and Enhancement Design Booklet. We will collect your feedback on these options to develop a preferred alternative to recommend to the Marion County Board of Commissioners.

The options we develop will consider several factors, including but not limited to:

- Public health and safety
- Views and aesthetics
- Environmental and habitat benefits
- Recreational and access benefits
- Lake navigation
- Cost
- Construction feasibility

Once the Board of Commissioners adopts a preferred alternative, Marion County will develop the engineering designs and seek permits from partner agencies to begin construction.

## Schedule

Marion County will deliver the project in three phases:

### Phase 1

#### Winter - 2023

- Develop beneficial reuse options

#### Spring - 2023

- Collect community feedback on beneficial reuse options

#### Summer - 2023

- Use community feedback to develop a refined preferred alternative
- Marion County Board of Commissioners adopts preferred alternative

### Phase 2

#### 2024

- Complete engineering for the preferred alternative
- Apply for permits from the Army Corps of Engineers and other partner agencies to begin construction

### Phase 3

#### 2025

- Excavate sediment material
- Build beneficial reuse preferred alternative

#### 2026

- Complete construction

## Funding

Marion County has received federal and local economic development funds to design, permit and implement this project.

The cost of each beneficial reuse option will be estimated and discussed during community engagement activities in spring 2023. If revisions to the design result in higher construction costs, Marion County will investigate additional funding opportunities.

## How to get involved

- Request project staff join a meeting with your neighbors or community organization
- Share your comments during formal community engagement activities in spring 2023:
  - Watch for information about a public open house
  - Share your comments online during the online open house

## Contact us

You can ask questions about the project at any time.

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