



US Army Corps of Engineers

Disposition Study

- Draft issued May 2017; Final pending
- No federal interest in operating
- Partial seismic retrofit will protect federal interest in habitat restoration upriver
- Prefer transfer to new operating entity
- If none, permanent decommissioning
- FY 2019 Appropriation for Engineering and Design: \$500,000



Economic Benefits of Reopening the Willamette Falls Locks



Background and Scope

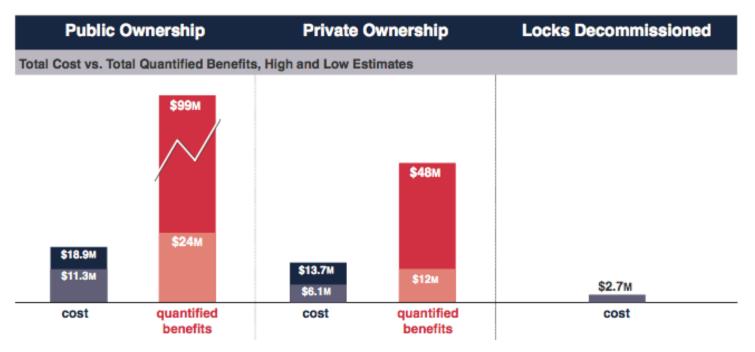
USACE Disposition Study/Report

- "Federal Interest" = Historical Commodity Shipments
- Limited Range of Benefits

ECONW Study

- Broader View of Asset Value of the Locks
- Comprehensive Review of Benefits

Summary of Results: Quantified Benefits



	Low	High
Transportation Benefits	·	
Moorage Cost Savings	\$8.1 million	\$40.4 million
Transportation Cost Savings	\$2.0 million	\$5.6 million
In-Water Construction Cost Savings	\$1.2 million	\$1.2 million
Environmental and Congestion Benefits	\$500,000	\$1.4 million
Recreation		
Overnight Cruise Revenues	\$11.7 million	\$48.4 million
Personal Watercraft Recreation Benefits	\$600,000	\$2.4 million
Total Quantified Benefits	\$24.1 million	\$99.4 million

Note: Totals may not sum due to rounding.

Transportation Benefits

Transportation Benefits Over 30 Years (in 2017 dollars)

Benefit Type	Low Estimate	High Estimate
Moorage Cost Savings	\$8.1 million	\$40.4 million
Transportation Cost Savings	\$2.0 million	\$5.6 million
In-Water Construction Cost Savings	\$1.2 million	\$1.2 million
Environmental and Congestion Benefits	\$500,000	\$1.4 million
Total Transportation Benefits (Quantified)	\$11.7 million	\$48.5 million

Recreation and Tourism Benefits

Activities

- Motorized Watercraft (Personal Use)
- Non-Motorized Watercraft (Personal Use)
- Guided Day Tours
- Guided Overnight Tours
- Land-based Recreation
- Increased value associated with new trips, longer trips and unique passage experience.
- New revenue associated with new guided cruise opportunities (both day and

Recreation and Tourism Benefits

Recreation Benefits Over 30 Years (in 2017 dollars)

Benefit Type	Low Estimate	High Estimate	
Overnight Cruise Revenues	\$11.7 million	\$48.4 million	
Personal Watercraft Recreation	\$600,000	\$2.4 million	
Total Recreation Benefits (Quantified)	\$12.3 million	\$50.8 million	
Unquantified Benefits	 Future tourism and v 	 Additional revenue from guided trips Future tourism and visitation revenue bolstered by redevelopment 	

Redevelopment Benefits

Local	Upriver	Downriver
 Property Values Access to Local Sites Historic Value Tourism Impacts 	 Tourism related to Heritage Area Access to downriver areas 	 Tourism related to Heritage Area Access to upriver areas
Sites:West LinnWaterfrontWillamette FallsLegacy Site	 Sites: Wilsonville (Arrowhead/ Boones Ferry) Newberg (SP Fibertech) Canby (Downtown/ Riverfront) 	 Sites: Milwaukie (Sites near Waterfront Park) Lake Oswego (Foothills District) Portland

Cultural Benefits

Tribal Connection to History and Place

- Inhabited the area since time immemorial
- Helped build the Locks

Tribal Treaty Rights to Portage

 Public ownership would preserve treaty right to access around Falls

Tribal Access to Ecological Resources

• Easier access to food and fiber

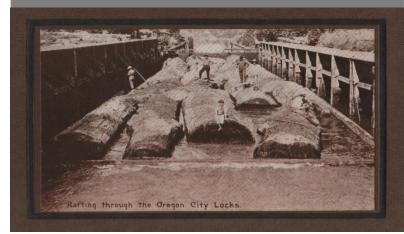
Spiritual Connection with the River

- Locks provide access as close to the Falls as traditional portage routes
- Preserves the traditional approach and departure experience of the Falls

Historic Benefits

Historical Interpretation and Experience

- Direct connection with history
- Attracts historic, engineering, and natural-landscape tourists
- Focal point of many intersecting themes
- National Park Service Heritage Area



Historic Preservation

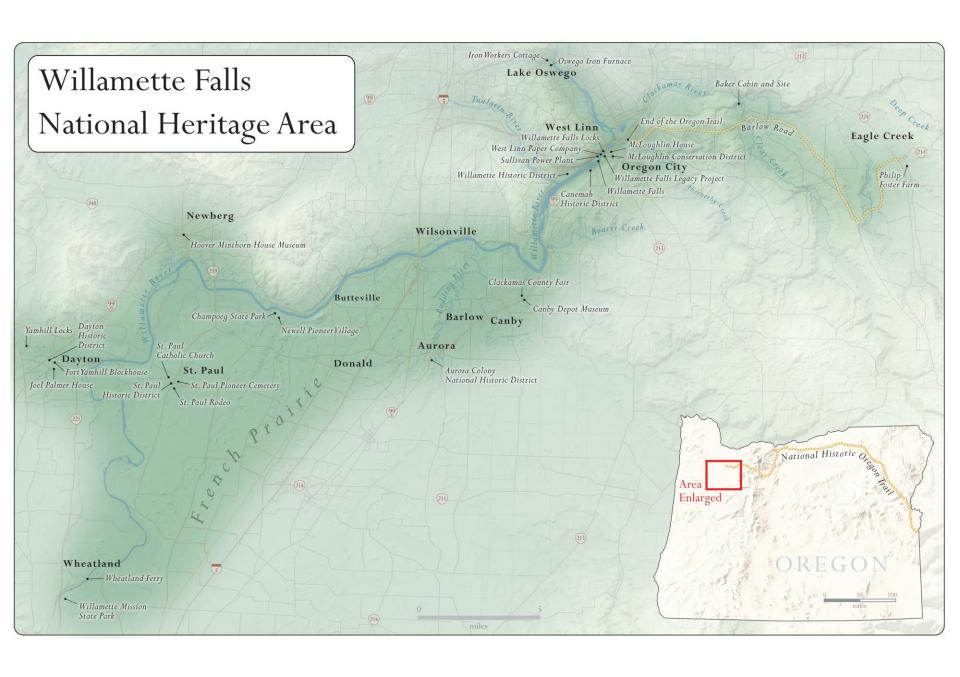
- 1974: National Register of Historic Places
- 1991: State Historic Civil Engineering Landmark
- 2012: NTHP National Treasure



Resiliency Benefits

- Critical transportation link in the aftermath of Cascadia subduction zone earthquake
- Provides redundancy to highway system, in the event bridges collapse and access between Portland and the Valley is disrupted
- Unquantifiable but potentially highly valuable:
 - Moving and reuniting people
 - Moving food and fuel
 - Moving workers, equipment, and materials





National Park Service Heritage Area Designation

- State Heritage Area designated by state commission in 2015
- National Park Service approved Feasibility Study September 2018
- Completed planning study for an exhibit developed jointly with the Museum of the Oregon Territory
- Executed a Letter of Intent with West Linn for historic City Hall to become a gateway to the Heritage Area

National Park Service National Heritage Area Criteria

- I. The area has an assemblage of natural, historic, or cultural resources that together represent distinctive aspects of American heritage worthy of recognition
- 2. The area reflects traditions, customs, beliefs, and folk life that are a valuable part of the national story.
- 3. The area includes outstanding natural, cultural, historic, and/or scenic features.
- 4. The area provides outstanding recreational and educational opportunities.
- 5. Resources that are important to the identified theme retain a degree of integrity capable of supporting interpretation.
- 6. Residents, business interests, nonprofit organizations, and governments within the proposed area that are involved in the planning, have developed a conceptual financial plan.
- 7. The proposed management entity and units of government supporting the designation are willing to commit to working in partnership to develop the heritage area.
- 8. The proposal is consistent with continued economic activity in the area.
- 9.A conceptual boundary map is supported by the public.
- 10. The management entity proposed to plan and implement the project is described.

Clackamas County Water Tourism Strategy -

Locks Usage Potential (Sample size: 1700 paddlers, motor boaters, anglers)



ECO Northwest Estimate tied to actual use in 2000 of 1,299 vessels per year

Oregon Locks Commission

- Created by 2017 Legislature thru SB 256
- Chair: Mayor Russ Axlerod
- Co-Vice Chairs: Comm.
 Martha Schrader, Sandy Carter
- Charge: Recommend approach to transfer, repair and reopen Locks

Oregon Locks Commission

Elements of Charge:

- Transferee,
- Construction agency,
- Operating agency,
- Capital funding,
- O&M funding.

