

# *WILLAMETTE FALLS LOCKS*

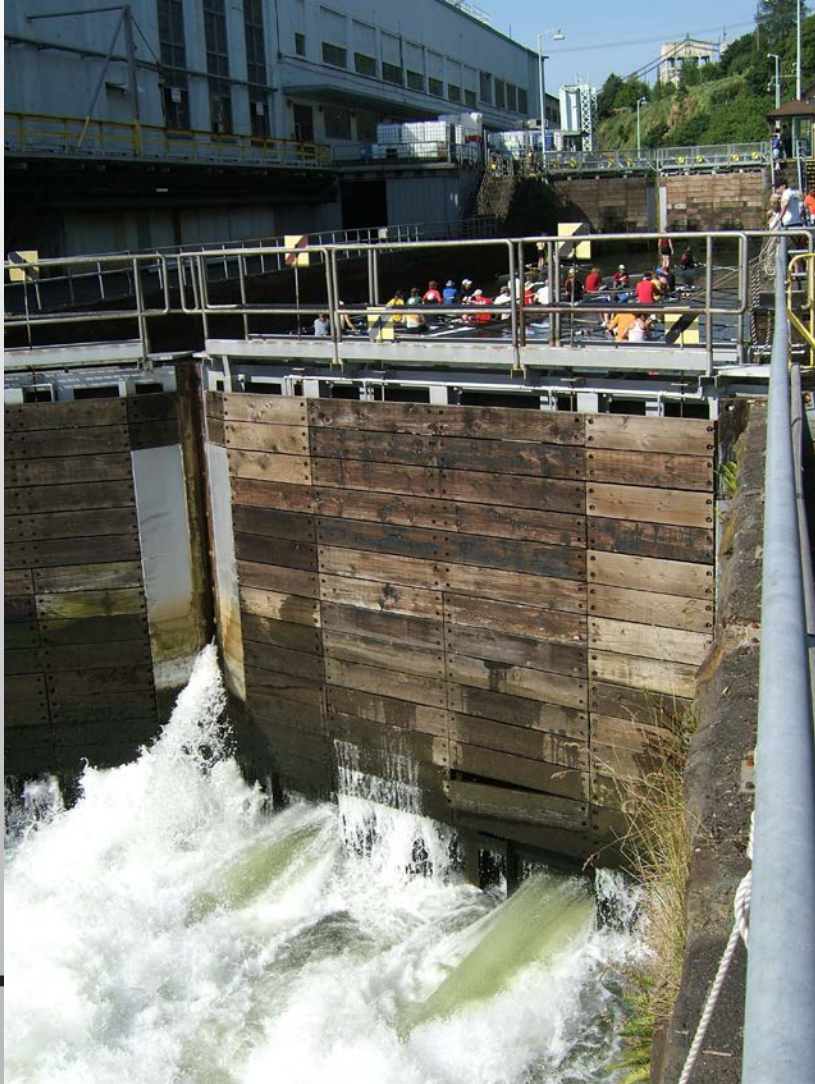
*Informational Hearing with the House Committee on Veterans and  
Emergency Preparedness*

*Presented by: Trent Wilson - Clackamas County Government Affairs Specialist*

# *Why are we here today?*

- *To inform about the Willamette Falls Locks: what it was and what it is now*
  - *To inform about the efforts to repair and reopen Willamette Falls Locks, and possible ways to accomplish that goal*
  - *To pose the question: Is this facility an Emergency Preparedness transportation resource to Oregon?*
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# *What it is...*



- *Built in 1873 to navigate around Willamette Falls*
- *Built with local, state, and private dollars*
- *Initially charged a usage fee*
- *Bought by the U.S. Army Corps of Engineers in 1915, with a 50-50 cost share from the state*

# What it was...

## *Under Corps ownership:*

- *Authorized to operate for national benefit of commercial tonnage*
  - *Primary resources transported*
    - *Timber & Wheat*
  - *Lockage History:*
    - *2.2 million tons of commerce in 1943*
    - *1.4 million tons of commerce in 1989*
    - *200,000 tons of commerce in 1994*
    - *1,761 tons of commerce in 1997*
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# What it is now...



- Closed in 2011 for life-safety reasons
  - Gudgeon anchors at risk of failure
- Facility remains in Caretaker Status
- USACE estimate to repair: \$5-10 Million for 10 year repairs, with an additional \$5-10 Million for the following 10 years
- USACE currently undergoing a Final Disposition Study with the goal to remove to the Locks from Corps ownership.

# State and Local Efforts

## *Willamette Falls Locks Working Group*

- *Organization of local stakeholders, including: Clackamas County, Metro, West Linn, One Willamette River Coalition, and more...*
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## *Willamette Falls Locks State Task Force*

- *Established by State Senate Bill 131*
  - *Compile information;*
  - *Consider means of facilitating repair and reopening;*
  - *Develop a plan for sustained operation of the Locks;*
  - *Consider governance models for the lease or transfer of the Locks.*
- *Final report found in SB 256*



# *Surrounding Efforts*

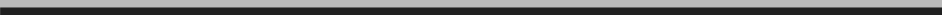


# *Questions from the State Task Force:*

*What is value of the Locks as a seismic redundancy to:*

*– I-5?*

*– I-205?*

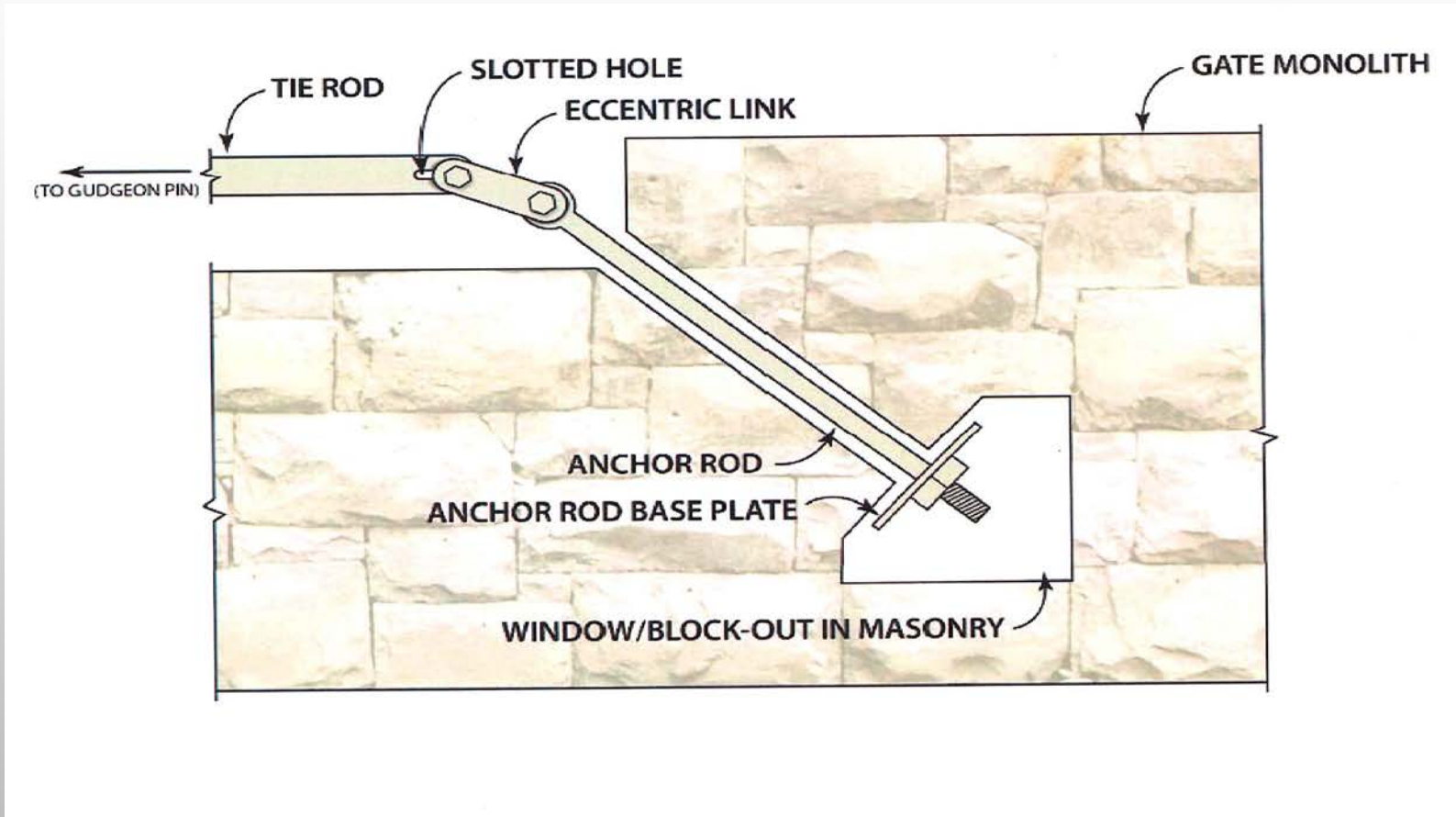




# *What is needed to fix the Locks?*



# Gate Gudgeon Anchor System





# Gate Gudgeon Anchor System





# *Ashlar Masonry*





# *Post Tensioning:*

## *A seismic support method*





*Is this facility an Emergency  
Preparedness transportation resource to  
Oregon?*





# Questions?

