



## Frog Ferry needs a Portland City Council partnership.

- 1) Use city docks for Frog Ferry operations.
- 2) Partner with city on federal funding request using City docks as the match.
- 3) Have the City oversee the federal funding and budget allocation to Frog Ferry.

### 2017-2018: Completed

- Ferry Operation Research
- Community Outreach
- Best Practice Case Study Report
- Demand Modeling Study



### 2019-2020: Completed

- Operational Feasibility Report
- Finance Report/Plan
- River Reconnaissance Report
- Emergency Response Report

### 2021-2023: Completed

- Community Outreach
- Pilot Project Plan:  
Cathedral Park to RiverPlace
- Community Benefit Plan
- Regulatory Agency planning
- OHSU Employee Survey

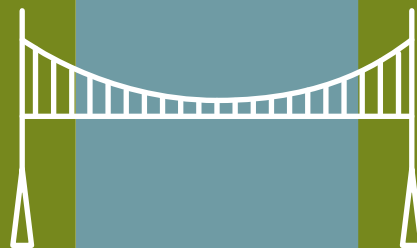
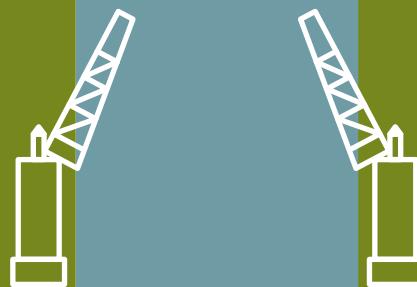


### 2024-2027: Pending New City Council Champions

- City Council partnership for federal funding
  - FTA Match Funding Request \$7M
- Add to RTP Constrained List
- Dock upgrade/construction
- Vessel designed/RFP/ordered
- Ferry Operator RFP
- Home port plan/design/partnerships
- Ticketing/Marketing Plan

### 2027: Pending Boat on the Water;

- Increase community resilience
- Reduce CO2 emissions
- Create jobs
- Provide transit for underserved communities
- Build community livability
- Foster river stewardship



### City Funding Match Unlocks:

- Federal funding
- State/Local grant funds
- Foundations
- Corporate sponsors
- Less CO2 and congestion
- Fun!



# How Much will it Cost?

2 boats for 2 years of Operations

## Expenses

### Capital Expenditures

Vessels (2 new construction)	\$6.5M
Dock Improvements/Infrastructure	\$2.0M
Dock Usage (\$7M value of using two existing docks)	NA
Project Management/Planning	\$4.0M
Ticketing	\$1.0M
Community Outreach Events	\$1.5M

**Total for 2024-2026: \$25M**

### OPEX:

Planning & Mobilization (non-recurring expenses)	\$5M
Operations Expenditures (Total for 2027-2028: \$13M *\$6.5M off-set by ticket sales)	
Project Management	\$5M
Community Outreach/Events	\$1M

**Total for 2027-2028: \$24M**

**Total for 2024-2028: \$49M**

## Projected Funding

4P Partnership Model

These are examples of funding sources available that are a fit for an electric passenger ferry. The funding is there—but we need a public agency partner to be eligible to apply for most.

### Philanthropic: Regional Foundations

#### Public:

- **City of Portland: PCEF and in-kind use of docks (match for federal funding request)**
- **State of Oregon:**
  - Passenger Ferry Grant Program (Section 5307): Average Award \$500K-10M
  - Department of Energy (DOE) - Vehicle Technologies Office (VTO)
  - Better Utilizing Investments to Leverage Development (BUILD) Grants: Average Award \$1-25M
  - Maritime Administration (MARAD) - America's Marine Highway Program: Average Award \$1-5M
  - Environmental Protection Agency (EPA) - Diesel Emissions Reduction Act (DERA) Program: Average Award \$500K-2M

#### Non Profit:

- **Frog Ferry:** To date, provided a \$32M value
- **Partners:**
  - Neighborhood Association
  - Human Access Project

#### Private:

- **Corporate Sponsorships**
- **Private Donors**
- **Ticket Fares at 50% of cost per seat**

