Ferry Expansion and Electrification

**DESCRIPTION**

Ferry Expansion and Electrification expands ferry service in Boston Harbor and between the Cape and Islands and builds out the state’s fleet with hybrid-electric ferries. The program also makes upgrades to docks and ferry terminals along these routes.

**BENEFITS**

Expanding and electrifying ferry service unlocks quality workforce opportunities in the fields of construction, carpentry, and metal fabrication. These investments also create long-term job benefits by lowering transportation-related costs for users of the new ferry service and fuel costs for transit operators. Electrified ferries deliver significant public health benefits when they replace polluting diesel-powered ferries, create convenient healthy alternatives to personal vehicles, and reduce overall traffic.

**RESULTS**

Each dollar invested supports 50 percent more jobs than a dollar invested in the state’s ten largest industries. Additionally, every dollar invested saves $5.92 in fuel, traffic congestion, and public health costs.

### TOP OCCUPATIONS

1. Construction Laborers
2. Electricians
3. Carpenters
4. First-Line Construction Supervisors
5. Plumbers, Pipefitters, Steamfitters

### BENEFITS PER MILLION INVESTED

- **Fuel Cost Savings**: $123,900
  - Gasoline and diesel costs avoided by reducing personal vehicle reliance
- **Travel Time Savings**: $260,700
  - Travel time savings from lower traffic congestion and improved ferry access
- **Air Pollution Health Benefits**: $53,800
  - Saved lives and avoided illnesses from improved air quality
- **Physical Activity Health Benefits**: $5,407,500
  - Saved lives and avoided illnesses from increased walking and cycling
- **Traffic Accidents Avoided**: $71,000
  - Avoided traffic accident fatalities or injuries

**Total**: $5,916,900