

IRTP Executive Board Meeting

MAY 22ND, 2024

2024 STBG Call For Projects (TAC Recommendations)

STBG: Surface Transportation Block Grant



Scoring Criteria & Weighting

Project weighting established in 2018

- ▶ Safety 14.5%
- ▶ Equity 14.5
- ▶ Access 13.6%
- ▶ Opportunities & Partnerships 10.9%
- ▶ Preservation 9.1%
- ▶ Stewardship 9.1%
- ▶ Economic Vitality 9.1%
- ▶ Mobility 8.2%
- ▶ Environment 7.3%
- ▶ Planning Consistency 3.6%

2024 Revaluated and Rounded Criteria

- ▶ Access 18%
- ▶ Safety 16%
- ▶ Mobility 15%
- ▶ Preservation 13%
- ▶ Equity & Environment 13%
- ▶ Stewardship 11%
- ▶ Opportunities and Partnerships 8%
- ▶ Economic vitality 6%

Planning Consistency removed & Equity and Environment combined

Scoring Discussion

| | | Ranking | Agency Request | TAC Recommendation |
|---|-----|---------|----------------|--------------------|
| Project Proponent: Port of South Whidbey | | | | |
| Project: Clinton Passenger-Only Ferry Dock Replacement | | 1 | \$2,456,977 | \$1,070,465 |
| Weighted Totals | 4.7 | | | |
| Project Proponent: Island Transit | | | | |
| Island Transit: Hydrogen Fueling & Maintenance | | | | |
| Project: Project | | 2 | \$1,000,000 | \$1,000,000 |
| Weighted Totals | 4.5 | | | |
| Project Proponent: Island Transit | | | | |
| Project: Fixed Route Electric Bus Replacement | | 3 | \$1,000,000 | \$1,000,000 |
| Weighted Totals | 4.4 | | | |

Clinton Dock Passenger Ferry

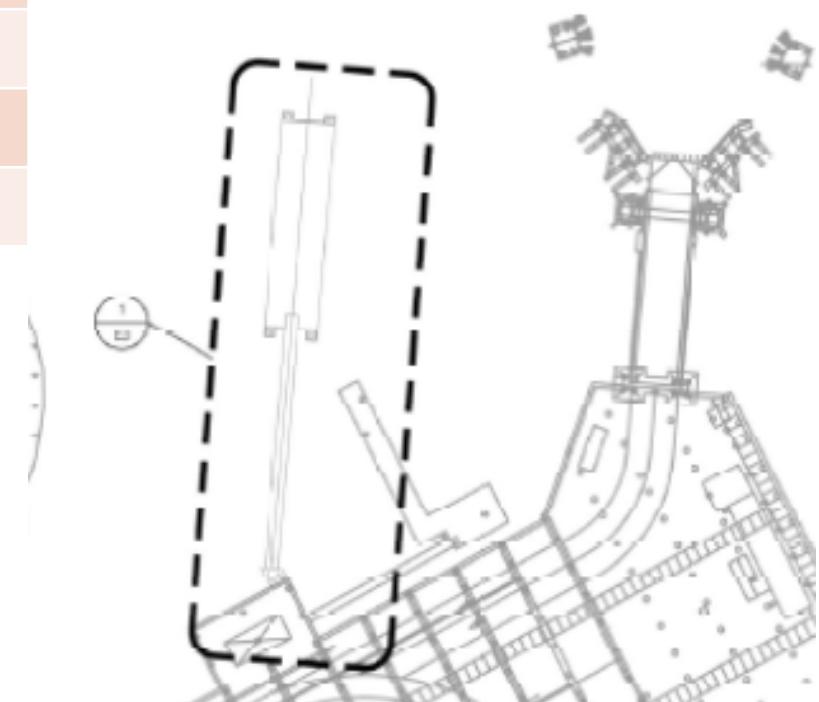
| | Preliminary Engineering | Construction |
|---------------------|-------------------------|--------------------|
| Cost estimate | \$450,249 | \$4,803,000 |
| Awarded | \$319,000 | \$1,768,083 |
| Planned Port match | \$60,784 | \$648,405 |
| APPLICATION: | \$70,465 | \$2,386,512 |

Location/Length

- Clinton Beach Park adjacent to the WSF Terminal in Clinton

Description

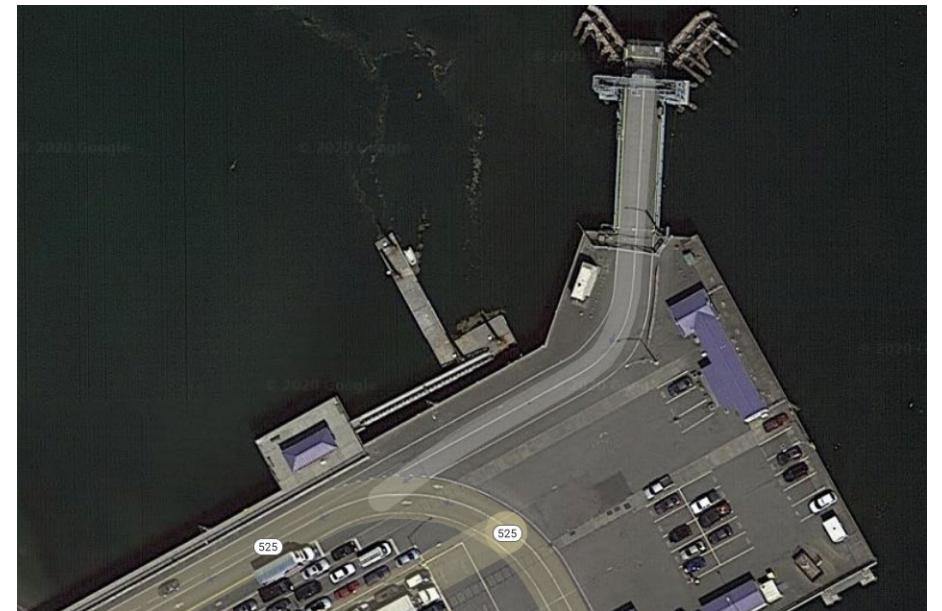
- Replacement of Passenger-Only Ferry Dock
- New dock float (25' x 100'), gangway (120'), and piles
- Float designed to accommodate electric vessel charging stations
- Remove/dispose of old piles and gangway



Clinton Dock Passenger Ferry

Access to the dock will comply with requirements of the American's with Disability Act

Project can take advantage of existing access to public transit in both Island County and Snohomish County



Clinton Dock before damage

Clinton Dock Passenger Ferry

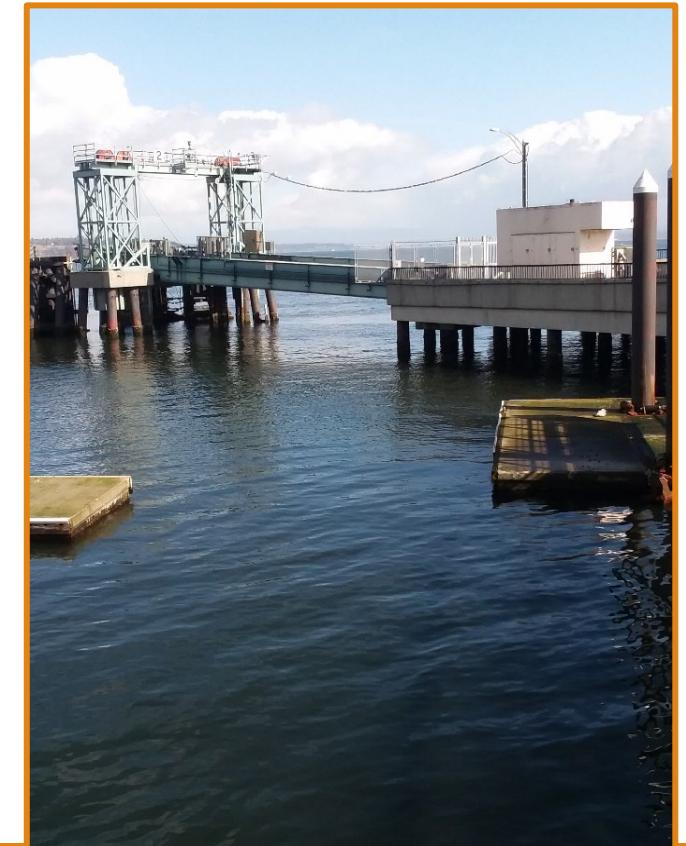
PE is 90% complete

Clinton Dock is ideally located to effectively support Passenger-Only ferry service between Island County and Snohomish County

Project establishes and maintains key partnerships with Washington State Ferries and Island Transit

Project can support island region communities during emergencies and interruption of vehicle ferry service

A Clinton – Everett Passenger-Only Ferry routes was one of seven routes (out of 45 investigated) for further development by a study commissioned by the WA State Legislature and conducted by the Puget Sound Regional Council





Island Transit

Electric Bus
Replacement &
Infrastructure
on Camano
Island

IRTPD 05/22/2024

Electric Bus Overview

Total Cost / Funding Request

- ▶ \$3,000,000/ \$1,000,000

Location

- ▶ Camano Island

Description

- ▶ Replace a diesel bus at the end of its useful life with an electric bus and associated charging infrastructure

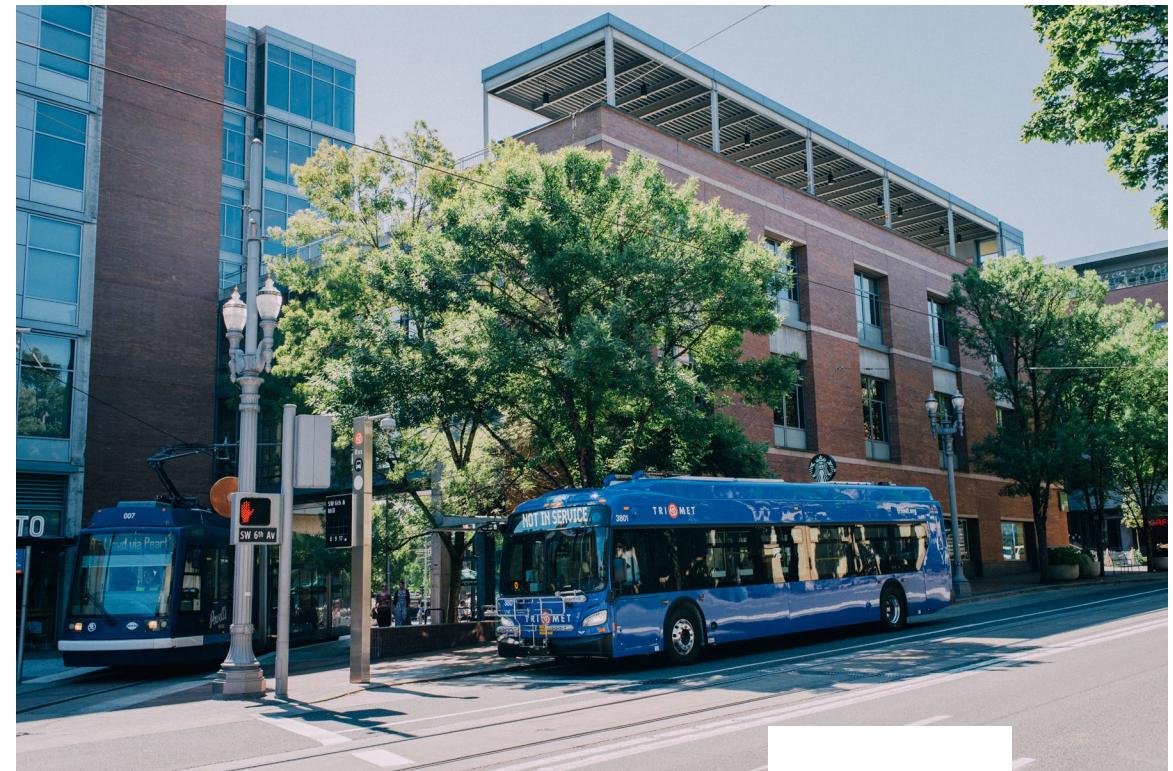


Image of Electric Bus provided by

TRI MET

Island Transit

Electric Buses in Transit Service

- ▶ ***Many agencies have them...***
- ▶ Electric buses have a shorter range, but Camano has shorter routes
- ▶ Variety of makes & models
- ▶ Purchased through state contract



Image of Island Transit's Lightening E-Motor all electric van

Electric Charging Infrastructure

- ▶ Different charging strategies
 - ▶ Pantograph
 - ▶ Plug-in
 - ▶ Inductive
- ▶ Smaller footprint fits better at Camano operating base
- ▶ Can be increased as needed
- ▶ Transformer needs



Image of Electric Bus Charging
Station provided by



Coupeville Hydrogen Fueling Infrastructure

IRTPO 05/22/2024

Hydrogen Fueling Overview

Total Cost

\$7,000,000+ (current estimate)

- Hydrogen Fueling Station- \$7,000,000
- Modifications to existing facilities
Unknown cost

Location

Coupeville Operating Base

Description

- Island Transit needs to construct a fueling facility and modify its facilities for maintaining hydrogen vehicles. Agency staff is working with consultants to develop cost estimates.



Image of Hydrogen Fueling Station provided by Shutterstock

Hydrogen Fuel Cell Buses

Project Summary

Zero Emissions Transition Plan:

- ▶ Federal requirement
- ▶ Adopted in 2023 and calls for electric vehicles on Camano Island and hydrogen powered buses on Whidbey Island

Hydrogen Buses can go 370+ miles between refueling

Washington State

- ▶ Lewis County Transit
- ▶ Federal Hydrogen Hub
- ▶ Transit agency collaboration



Image of Hydrogen Fuel Bus operated by Lewis County Transit provided by Owen Sexton/Daily Chronicle.

Coupeville Facilities- Planning & Preparation



Image of Hydrogen Fueling Station provided by Shutterstock



Project Ranking Final Totals

| IRTP 2023-2029 Fiscally Constrained Spending Plan | | | | | | | | | Four-Year Constrained | | | Remainder 6-YR RTIP | | |
|--|---|--------------|----------------|--------------|-------------|--------------|-------|------------|-----------------------|-------------|-------------|---------------------|-------------|-------------|
| STBG | | | | | | | | | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
| Lead Agency | Project Title | Approx. Cost | Funded | Match | Gap | Funding Type | Phase | Obligation | | | | | | |
| Island County | East Camano Drive/Cross Island Intersection Improvements | \$4,925,000 | \$756,750 | \$118,250 | \$4,000,000 | STBG | PE | 2022 | | | | | | |
| | | | \$43,250 | \$6,750 | | STBG | RW | 2025 | | \$43,250 | | | | |
| Island County | East Camano Drive & McElroy Drive Roundabout | \$3,606,936 | \$525,000 | \$525,000 | \$2,556,936 | | PE | 2023 | | | | | | |
| IRTP | Island RTPO Unified Work Program | \$748,335 | \$177,334 | \$27,676 | \$543,325 | STBG | PL | 2025 | | \$88,667 | | | | |
| Oak Harbor | NE 7th Ave. Reconstruction | \$1,123,313 | | \$151,500 | \$431,813 | STBG | PE/CN | 2024 | \$1,391,958 | | | | | |
| | NW Heller Street Overlay | \$360,609 | \$311,927 | \$48,682 | \$0 | STBG | PE | | | | | \$311,927 | | |
| | Midway Blvd Improvement | \$1,198,266 | \$950,000 | \$148,266 | \$100,000 | STBG | CN | 2028 | | | | | \$950,000 | |
| WSDOT | SR 20 Shoulder Widening, Race Rd to Welcher Rd | \$4,700,000 | \$3,180,000 | \$191,165 | \$1,328,835 | STBG | ROW | 2022 | | | \$500,000 | \$500,000 | \$500,000 | |
| Port of S. W. | Passenger-only Dock Replacement | \$5,253,249 | \$2,087,083.00 | \$709,189.00 | \$2,456,977 | STBG | PE/CN | 2025 | \$70,465 | \$1,000,000 | \$1,118,000 | \$650,000 | | |
| Island Transit | Transit- Replacement Electric Bus and Charging Infrastructure | \$4,000,000 | \$1,000,000.00 | | \$3,000,000 | STBG | CN | 2029 | | | | | | \$1,000,000 |
| | Upgrading Coupeville base for hydrogen fueling | \$3,000,000 | \$1,000,000.00 | | \$2,000,000 | STBG | CN | 2029 | | | | | | \$1,000,000 |
| STBG Total Programmed | | | | | | | | | \$1,391,000 | \$1,131,917 | \$1,618,000 | \$1,461,927 | \$1,450,000 | \$2,002,029 |
| STBG Total Available Funds to Program for the Year | | | | | | | | | \$1,376,000 | \$1,140,000 | \$1,140,000 | \$1,140,000 | \$818,073 | \$1,140,000 |
| Total funds Obligated | | | | | | | | | Remainder | \$15,000 | \$8,083 | \$478,000 | \$321,927 | \$631,927 |
| | | | | | | | | | | | | | | \$862,029 |

Backups

Scoring Criteria

Equity

Developing transportation improvements that target disadvantaged and/or underserved populations.

Safety

Provide for and improve the safety and security of transportation customers and the transportation system.

Access

Promoting transport options that allow people to reach basic needs, employment, school, and other high-value activities without excessive financial or time costs.

Opportunities & Partnership

Project leverages alternative funding sources and emphasizes partnerships between agencies and/or stakeholders.

Preservation

Maintain, preserve, and extend the life and utility of prior investments in transportation systems and services.

Stewardship

Continuously improve the quality, effectiveness, and efficiency of the transportation system.

Economic Vitality

To promote and develop transportation systems that stimulate, support, and enhance the movement of people and goods to ensure a prosperous economy.

Mobility

Improve the predictable movement of goods and people throughout Washington State, including congestion relief and improved freight mobility.

Environment (Combined with Equity)

Enhance Washington's quality of life through transportation investments that promote energy conservation, enhance healthy communities, and protect the environment.

Planning Consistency (Removed)

Project is consistent with regional and local planning efforts or otherwise demonstrates support.