Washington State Ferries
2040 Long Range Plan

Technical Advisory Group

Ray Deardorf, WSF Senior Planning Manager
Rick Singer, WSF Finance Director

January 18, 2018
Meeting objectives

- Meet the project team and review work plan
- Review ridership forecast data
- Learn about the WSF budget
Agenda

• Welcome and introductions
• Recap SWOT analysis
• Meet the project team and review work plan
• Ridership forecast data
• Provide overview of WSF budget
• Next steps
SWOT Analysis Recap

Beautiful On-time performance

Real-time data Simplify loading

Transit oriented development Dedicated staff

Population trends Convenient terminal locations

Maintenance Replace aging ferries

Transit connections

ORCA card payment

Funding

Parking

Iconic

Replace aging ferries
Long Range Plan Stakeholder and Community Outreach

Key Milestones

2017
July
- Technical Advisory Group
- Policy Advisory Group
- Executive Advisory Group

- Kickoff stakeholder advisory groups
- Confirm roles
- Plan overview and background

September
- Technical Advisory Group
- Policy Advisory Group
- Executive Advisory Group

- Plan background and vision
- SWOT analysis

2018
January
- Technical Advisory Group
- Policy Advisory Group
- Executive Advisory Group

- Review work plan
- Review ridership forecast data
- Learn about the WSF budget

March
- Technical Advisory Group
- Policy Advisory Group
- Executive Advisory Group

- Review plan elements

May
- Technical Advisory Group
- Policy Advisory Group
- Executive Advisory Group

- Preview legislative progress report
- Draft plan elements
- Public comment period

Summer
- Technical Advisory Group
- Policy Advisory Group
- Executive Advisory Group

- Legislative progress report

Fall / Winter
- Technical Advisory Group
- Policy Advisory Group

- Finalize plan
- Deliver final plan by Jan. 1

Public Information and Outreach

*Rounds of public meetings in ferry served communities and online open house.
Ridership Forecast

Key Findings

• Over 15 years, yearly ferry ridership growth varied between -4 and +2.9 percent
• Annual growth forecasts by 2040:
  – Population: 1 percent
  – Households: 1.2 percent
  – Employment: 1.3 percent
  – Ferry ridership: 1.2 percent
• Overall ferry ridership growth by 2040: 30 percent
Ridership Forecast Model

PSRC 4-COUNTY REGION

- PSRC regional travel forecasting model
  - Growth in demographics
  - Background congestion
  - Background transportation networks

FERRY RIDERSHIP FORECASTING

- Current ferry travel patterns
- 2030 & 2040 ferry travel patterns
- Route-level ferry ridership forecast

OTHER JURISDICTIONS

- Local land-use forecasts
- Local transportation plans
  - Growth in demographics
  - Traffic counts
  - Background transportation networks

Feedback Loop

2017 Ferry ridership
- Assess dedicated bike lanes
- Seasonal peak profile
- Monthly ridership

Supplementary route-level ferry ridership forecast:
- Bicycle ridership
- Recreation travel ridership
- Annual ridership

Weekend/weekday ferry travel survey
Recreational travel growth estimate
WSF Ridership History (1993-2017) and Preliminary Forecast (2018-2040)

Sources: WSF Traffic History and WSF Baseline Ridership Forecasts
Population and Employment in the 12 County Area for 2017 and 2040

<table>
<thead>
<tr>
<th></th>
<th>2017</th>
<th>2040</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>6,129,800</td>
<td>8,912,400</td>
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<tr>
<td></td>
<td>+ 25%</td>
<td>+ 46%</td>
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<tr>
<td>Employment</td>
<td>3,491,800</td>
<td>4,901,400</td>
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<tr>
<td></td>
<td>+ 35%</td>
<td>+ 43%</td>
</tr>
<tr>
<td>Region</td>
<td>2017 Total Riders</td>
<td>2040 Total Riders</td>
</tr>
<tr>
<td>----------</td>
<td>-------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>North</td>
<td>3,800</td>
<td>4,400</td>
</tr>
<tr>
<td>Central</td>
<td>13,100</td>
<td>17,800</td>
</tr>
<tr>
<td>South</td>
<td>3,400</td>
<td>4,400</td>
</tr>
</tbody>
</table>

Total: 20,400  
Total: 26,600  
+ 31%
Total PM Peak Ridership
2017 and 2040 Westbound by Route

<table>
<thead>
<tr>
<th>Route</th>
<th>2017 WB Riders</th>
<th>2040 WB Riders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Port Townsend - Coupeville</td>
<td>310</td>
<td>5700</td>
</tr>
<tr>
<td>Mukilteo - Clinton</td>
<td>2100</td>
<td>2700</td>
</tr>
<tr>
<td>Edmonds - Kingston</td>
<td>1900</td>
<td>2700</td>
</tr>
<tr>
<td>Seattle - Bainbridge Island</td>
<td>4300</td>
<td>5700</td>
</tr>
<tr>
<td>Seattle - Bremerton</td>
<td>740</td>
<td>1090</td>
</tr>
<tr>
<td>Fauntleroy - Southworth</td>
<td>2000</td>
<td>2700</td>
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<tr>
<td>Fauntleroy - Vashon</td>
<td>330</td>
<td>980</td>
</tr>
<tr>
<td>Vashon - Southworth</td>
<td>40</td>
<td>50</td>
</tr>
<tr>
<td>Point Defiance - Tahlequah</td>
<td>820</td>
<td>460</td>
</tr>
</tbody>
</table>
Total PM Peak Ridership
2017 and 2040 Eastbound by Route

- Port Townsend - Coupeville
- Mukilteo - Clinton
- Edmonds - Kingston
- Seattle - Bainbridge Island
- Seattle - Bremerton
- Fauntleroy - Southworth
- Fauntleroy - Vashon
- Vashon - Southworth
- Point Defiance - Tahlequah

2017 EB Riders:
- Port Townsend - Coupeville: 300
- Mukilteo - Clinton: 1100
- Edmonds - Kingston: 1300
- Seattle - Bainbridge Island: 2400
- Seattle - Bremerton: 300
- Fauntleroy - Southworth: 800
- Fauntleroy - Vashon: 36
- Vashon - Southworth: 300

2040 EB Riders:
- Port Townsend - Coupeville: 500
- Mukilteo - Clinton: 1200
- Edmonds - Kingston: 1900
- Seattle - Bainbridge Island: 3100
- Seattle - Bremerton: 1700
- Fauntleroy - Southworth: 900
- Fauntleroy - Vashon: 52
- Vashon - Southworth: 500
- Point Defiance - Tahlequah: 400

2040 EB Riders
0 1000 2000 3000 4000 5000 6000

Source: WSDOT
Key findings: Kitsap Westbound PM Travel

- 2040 population and employment increases 41% from 2017.
- Riders 65+ fastest growing demographic.
- West Seattle Light Rail by 2030.
Key Findings: Vashon Island PM Travel

- Vashon Island 2040 population increases 18% from 2017.
- Employment increases 7% from 2017.
- Landside road changes impact travel.
Key Findings: Whidbey Westbound PM Travel

- Island County 2040 population increases 10% from 2017.
- Employment increases 9% from 2017.
- Population 65+ fastest growing demographic.
Key Findings: San Juan Islands Daily both Westbound and Eastbound

- 2040 population increases 18% from 2017.
- Employment increases 31% from 2017.
Next Steps

- Next steps include analyzing:
  - Pedestrian and bicycle forecast data
  - Recreational traffic
  - Total annual forecast
WSF Financial Overview

• Budget overview
• Background and challenges
• Revenue sources
• Expenses
• 2040 Long Range Plan
2017-19 Budget

Operating $505.2 million
Capital $374.2 million
Total $879.4 million*

Planned cash transfer of $71 million to ferries from other transportation accounts during 2017-2019 biennium

*As passed in the 2017 regular legislative session
Challenges and Constraints

- Ferry funding dependent on transfers from other accounts
- Aging ferries, terminals, and IT infrastructure
- Volatile fuel costs
- Deferred maintenance
Where does our revenue come from?

- Fares: 76 percent farebox recovery
- State revenues (gas taxes, bonds, fees, transfers)
- Federal funds
- Other (Local, Advertising, Concessions, etc.)
Ridership History—2000-2016

- 2000: First round of post I-695 service cuts.
- 2002: 20% Fare Increase.
- 2004: PO service to Bremerton stopped, Tyee sold.
- 2005: 12.5% fare increase, deepening regional recession.
- 2006: 5%-6% fare increase.
- 2007: Steel Electrics retired.
- 2008: Beginning of economic downturn.
- 2009: Vashon PO to King County, all PO boats sold.
- 2010: 2.5% fare increase.
- 2011: Two 2.5% fare increases.
- 2012: 3.0% fare increase.
- 2013: 3.0/2.0% fare increase.
- 2014: 3 Kwa-di Tabil class vessels added, Rhododendron retired.
- 2015: Samish added.
- 2016: Tokitae added.
- 2017:
Farebox Recovery

- Anacortes/San Juan Islands: 42.6 (2011), 57.7 (2017)
- Seattle/Bainbridge Island: 98.6 (2011), 108.1 (2017)
Ferries Funding

Federal Funding

• WSF receives federal funds primarily from three agencies:
  – Federal Highway Administration (FHWA)
  – Federal Transit Administration (FTA)
  – Federal Emergency Management agency (FEMA)

• Two types of federal funding:
  – “Formula” (earned shares based on regional ridership formulas)
    • FHWA Ferry Boat Program $16 mil/yr
    • FTA Formula Programs $13 mil/yr
  – Grants: national and regional competitions

• Federal Funds in 2017-19 Capital Budget
  – FHWA Highway Grants $58 mil
  – FHWA Ferry Boat Grants $42 mil
  – FTA Formula Grants $40 mil
  – Competitive Grants $12 mil
  – Total $153 mil

• Federal Funds in 2017-19 Operating Budget
  – FTA Formula Program $ 9 mil
WSF Capital Revenue Sources

FY17-19 Revenue

374 Million

- State 41%
- Federal 41%
- Transfer 14%
- Local 4%

- State
- Transfer
- Federal
- Local
WSF Revenue for Operations

FY17-19 Revenue
Total $505 mil

Fares 74%
Gas Tax 11%
Fees 3%
Cash Trfrs 4%
Cash Bal 4%
Other
Federal 2%
Other

Legend:
- Fares
- Gas Tax
- Fees
- Cash Trfrs
- Cash Bal
- Federal
- Other
What are our expenses?

- State Treasury Accounts
- WSDOT Programs and Budgets
- WSF Operating Program
- WSF Capital Program
Treasury Accounts Supporting Ferries Programs

- The Legislature funds programs by appropriating funds from state treasury accounts
- Ferries Treasury Accounts
  - Puget Sound Ferry Operations Account
  - Puget Sound Capital Construction Account
  - Capital Vessel Replacement Account
- Non-Ferries Accounts Supporting Ferries Programs Either by Expenditure Appropriations or Revenue Transfers to Ferries Accounts
  - Connecting Washington Account
  - Highway Safety Account
  - Motor Vehicle Account
  - Multimodal Transportation Account
  - Transportation Partnership Account
  - 2003 Transportation (Nickel) Account
Programs, Budgets and Spending Authority

• The Legislature creates agency Programs
• A Program is a legal entity that is subject to various laws;
• WSDOT submits Program budget requests to obtain legal authority to spend funds.

• State government uses three types of spending authority:
  • The Legislature appropriates the Program (biennial lump sum spending authority and line item projects);
  • The Governor (OFM) allots the sub-program (biennial, fiscal year and monthly spending authority); and
  • WSDOT allocates (biennial, fiscal year and monthly spending authority)
    • Detailed, organizational operating budgets, and
    • Capital project list and project budgets.
Ferries Programs and Budgets
State Budget Cycle

- December:
  - OFM sends Governor's Budget to Legislature
  - Legislature passes Transportation Budget (including WSDOT)

- Late Spring:
  - Beginning of Biennium

- July 1:
  - OFM approves Allotment

- June 30:
  - First Supplemental Budget
  - Allocations
    - Commitments
    - Work Orders
    - Agreements
    - Purchasing

- July 1:
  - Second Supplemental Budget
  - Managers within WSDOT administer throughout biennium

- June 30:
  - End of Biennium

See text for detailed treatment
WSF Program X Operating Budget

WSF Operating Budget and Other Transportation Operating Programs
Total 2017-19 Operating Budget $1.5 Billion

- WA State Ferries-Op $505,171 34%
- Public Transportation $222,908 15%
- Traffic Operations - Op $64,878 4%
- Toll Op & Maint-Op $122,379 8%
- Rail-Op $80,192 5%
- Local Programs-Op $13,343 1%
- Facilities-Op $28,180 2%
- Aviation $11,820 1%
- Public/Private Part-Op $2,157 0%
- Highway Maintenance $447,461 30%
Operating Budget (2017-2019)

WSF Operating Budget and Other Transportation Operating Programs
Governor’s 2017-19 Budget Proposal
Total Operating Budget $1.5 Billion

- Other Programs Operating Budget: 68%
- Vessel and Terminal Operations: 26%
- Vessel and Terminal Maintenance: 4%
- Other Admin Costs: 1%
- Management and Admin: 1%

Other Programs Operating Budget
- Vessel and Terminal Operations
- Vessel and Terminal Maintenance
- Management and Admin
- Other Admin Costs
Capital Budget (2017-2019)

WSF Capital Budget Compared to Other Capital Program Budgets
2017-19 Biennium
Total Capital Budget $3.9 Billion

Other Capital Programs Budget 90%
Ferries Capital Budget 10%
Ferries Programs and Budgets
Capital Investment Process

7-Step Investment Process

1. Gather needs Information
2. Prepare needs study
3. Define solutions (projects)
4. Select projects
5. Identify funding
6. Prepare capital plans, obtain approval of projects and spending authority
7. Measure fiscal and work performance
The Ferries Long-Range Plan will include

- Current ridership demand forecast
- Vehicle level of service standards
- Operation strategies
- Terminal and vessel design standards
- Terminal and vessel preservation plans
- System-wide vessel rebuild and replacement plan
- Vessel deployment plan
Look ahead

- Review plan elements and ridership forecasts
- Preview public meeting materials
- Next TAG meeting: March 15
Supplemental Ridership Forecast Data
WSF Service Area Population and Employment - North to South

Population 2017: 317,000
Employment 2017: 10,800
Population 2040: 435,000
Employment 2040: 13,900

Whatcom: 213,900 (2017), 268,100 (2040)
San Juan: 784,600 (2017), 855,800 (2040)
Skagit: 769,000 (2017), 89,400 (2040)
Island: 218,100 (2017), 81,100 (2040)
Snohomish: 1,045,000 (2017), 2,108,700 (2040)
King: 1,085,100 (2017), 2,451,000 (2040)
Kitsap: 376,800 (2017), 394,000 (2040)
Pierce: 1,432,400 (2017), 1,875,100 (2040)
Mason: 89,700 (2017), 101,000 (2040)
Clallam: 89,700 (2017), 7,700 (2040)
Jefferson: 221,900 (2017), 25,700 (2040)
Thurston: 199,700 (2017), 26,500 (2040)
## Total PM Peak Ridership
### Eastbound and Westbound by Route

<table>
<thead>
<tr>
<th>Route</th>
<th>2017 Total Riders</th>
<th>2040 Total Riders</th>
<th>Increase</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Port Townsend - Coupeville</td>
<td>620</td>
<td>3,500</td>
<td>+920</td>
<td>+48%</td>
</tr>
<tr>
<td>Mukilteo - Clinton</td>
<td>3,200</td>
<td>4,600</td>
<td>+1,400</td>
<td>+45%</td>
</tr>
<tr>
<td>Edmonds - Kingston</td>
<td>6,700</td>
<td>8,800</td>
<td>+2,100</td>
<td>+31%</td>
</tr>
<tr>
<td>Seattle - Bainbridge Island</td>
<td>3,200</td>
<td>4,400</td>
<td>+1,200</td>
<td>+37%</td>
</tr>
<tr>
<td>Seattle - Bremerton</td>
<td>1,100</td>
<td>1,500</td>
<td>+400</td>
<td>+37%</td>
</tr>
<tr>
<td>Fauntleroy - Southworth</td>
<td>1,600</td>
<td>1,800</td>
<td>+200</td>
<td>+13%</td>
</tr>
<tr>
<td>Fauntleroy - Vashon</td>
<td>680</td>
<td>940</td>
<td>+260</td>
<td>+39%</td>
</tr>
<tr>
<td>Vashon - Southworth</td>
<td>70</td>
<td>920</td>
<td>+850</td>
<td>+122%</td>
</tr>
<tr>
<td>Point Defiance - Tahlequah</td>
<td>5000</td>
<td>10,000</td>
<td>+5000</td>
<td>+100%</td>
</tr>
</tbody>
</table>
Total PM Peak Vehicles
Eastbound and Westbound by Route

2017 Total Vehicles
- Port Townsend - Coupeville: 280
- Mukilteo - Clinton: 1,800
- Edmonds - Kingston: 1,700
- Seattle - Bainbridge Island: 1,700
- Seattle - Bremerton: 680
- Fauntleroy - Southworth: 610
- Fauntleroy - Vashon: 1,000
- Vashon - Southworth: 460
- Point Defiance - Tahlequah: 50

2040 Total Vehicles
- Port Townsend - Coupeville: 1,900 + 9%
- Mukilteo - Clinton: 1,900 + 10%
- Edmonds - Kingston: 1,900 + 15%
- Seattle - Bainbridge Island: 780 + 15%
- Seattle - Bremerton: 710 + 15%
- Fauntleroy - Southworth: 1,100 + 8%
- Fauntleroy - Vashon: 520 + 12%
- Vashon - Southworth: 60 + 19%
- Point Defiance - Tahlequah: 390 + 41%
Total PM Peak Walk-On Passengers Eastbound and Westbound

2017 Walk-On Passengers
- Port Townsend - Coupeville: 100
- Mukilteo - Clinton: 610
- Edmonds - Kingston: 700
- Seattle - Bainbridge Island: 4,200
- Seattle - Bremerton: 2,300
- Fauntleroy - Southworth: 300
- Fauntleroy - Vashon: 10
- Vashon - Southworth: 20
- Point Defiance - Tahlequah: 80

2040 Walk-On Passengers
- Port Townsend - Coupeville: 160
- Mukilteo - Clinton: 680
- Edmonds - Kingston: 1,100
- Seattle - Bainbridge Island: 5,800
- Seattle - Bremerton: 3,100
- Fauntleroy - Southworth: 300
- Fauntleroy - Vashon: 200
- Vashon - Southworth: 120
- Point Defiance - Tahlequah: 20

Percentual Increase:
- Port Townsend - Coupeville: 55%
- Mukilteo - Clinton: 12%
- Edmonds - Kingston: 57%
- Seattle - Bainbridge Island: 38%
- Seattle - Bremerton: 76%
- Fauntleroy - Southworth: 22%
- Fauntleroy - Vashon: 43%
- Vashon - Southworth: 49%
- Point Defiance - Tahlequah: 49%
Total PM Peak Ridership
Eastbound by Route

- Port Townsend - Coupeville
- Mukilteo - Clinton
- Edmonds - Kingston
- Seattle - Bainbridge Island
- Seattle - Bremerton
- Fauntleroy - Southworth
- Fauntleroy - Vashon
- Vashon - Southworth
- Point Defiance - Tahlequah
Total PM Peak Vehicles
Eastbound

<table>
<thead>
<tr>
<th>Route</th>
<th>2017 Total Vehicles</th>
<th>2040 Total Vehicles</th>
<th>Increase</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Port Townsend - Coupeville</td>
<td>130</td>
<td>640</td>
<td>190</td>
<td>+3%</td>
</tr>
<tr>
<td>Mukilteo - Clinton</td>
<td>630</td>
<td>820</td>
<td>190</td>
<td>+17%</td>
</tr>
<tr>
<td>Edmonds - Kingston</td>
<td>700</td>
<td>700</td>
<td>0</td>
<td>+0%</td>
</tr>
<tr>
<td>Seattle - Bainbridge Island</td>
<td>630</td>
<td>310</td>
<td>130</td>
<td>+11%</td>
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<tr>
<td>Seattle - Bremerton</td>
<td>260</td>
<td>540</td>
<td>280</td>
<td>+17%</td>
</tr>
<tr>
<td>Fauntleroy - Southworth</td>
<td>180</td>
<td>210</td>
<td>30</td>
<td>+13%</td>
</tr>
<tr>
<td>Fauntleroy - Vashon</td>
<td>500</td>
<td>280</td>
<td>0</td>
<td>+0%</td>
</tr>
<tr>
<td>Vashon - Southworth</td>
<td>230</td>
<td>280</td>
<td>0</td>
<td>+0%</td>
</tr>
<tr>
<td>Point Defiance - Tahlequah</td>
<td>30</td>
<td>190</td>
<td>160</td>
<td>+40%</td>
</tr>
</tbody>
</table>

2017 Total Vehicles: 2040 Total Vehicles

- Port Townsend - Coupeville: 130 to 640 (+190, +3%)
- Mukilteo - Clinton: 630 to 820 (+190, +17%)
- Edmonds - Kingston: 700 to 700 (0, +0%)
- Seattle - Bainbridge Island: 630 to 310 (-320, -51%)
- Seattle - Bremerton: 260 to 540 (+280, +108%)
- Fauntleroy - Southworth: 180 to 210 (+30, +17%)
- Fauntleroy - Vashon: 500 to 280 (-220, -44%)
- Vashon - Southworth: 230 to 280 (+50, +21%)
- Point Defiance - Tahlequah: 30 to 190 (+160, +533%)
Total PM Peak Walk-On Passengers Eastbound

2017 Walk-On Passengers
- Port Townsend - Coupeville: 60
- Mukilteo - Clinton: 220
- Edmonds - Kingston: 290
- Seattle - Bainbridge Island: 1,500
- Seattle - Bremerton: 890
- Fauntleroy - Southworth: 130
- Fauntleroy - Vashon: 60
- Vashon - Southworth: 10
- Point Defiance - Tahlequah: 40

2040 Walk-On Passengers
- Port Townsend - Coupeville: 240 (10% increase)
- Mukilteo - Clinton: 410 (39% increase)
- Edmonds - Kingston: 2,000 (31% increase)
- Seattle - Bainbridge Island: 1,200 (38% increase)
- Seattle - Bremerton: 70 (13% increase)
- Fauntleroy - Southworth: 10 (51% increase)
- Fauntleroy - Vashon: 60
- Vashon - Southworth: 10
- Point Defiance - Tahlequah: 40
Total PM Peak Ridership
Westbound

<table>
<thead>
<tr>
<th>Route</th>
<th>2017 Total Riders</th>
<th>2040 Total Riders</th>
<th>Increase</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Port Townsend - Coupeville</td>
<td>310</td>
<td>470</td>
<td>160</td>
<td>+51%</td>
</tr>
<tr>
<td>Mukilteo - Clinton</td>
<td>1,900</td>
<td>2,300</td>
<td>400</td>
<td>+10%</td>
</tr>
<tr>
<td>Edmonds - Kingston</td>
<td>4,300</td>
<td>5,700</td>
<td>1,400</td>
<td>+33%</td>
</tr>
<tr>
<td>Seattle - Bainbridge Island</td>
<td>2,000</td>
<td>2,700</td>
<td>700</td>
<td>+36%</td>
</tr>
<tr>
<td>Seattle - Bremerton</td>
<td>2,100</td>
<td>2,700</td>
<td>600</td>
<td>+28%</td>
</tr>
<tr>
<td>Fauntleroy - Southworth</td>
<td>820</td>
<td>980</td>
<td>160</td>
<td>+20%</td>
</tr>
<tr>
<td>Fauntleroy - Vashon</td>
<td>40</td>
<td>50</td>
<td>10</td>
<td>+25%</td>
</tr>
<tr>
<td>Vashon - Southworth</td>
<td>330</td>
<td>460</td>
<td>130</td>
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<td>Point Defiance - Tahlequah</td>
<td>40</td>
<td>50</td>
<td>10</td>
<td>+25%</td>
</tr>
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</table>
Total PM Peak Vehicles Westbound

- Port Townsend - Coupeville
- Mukilteo - Clinton
- Edmonds - Kingston
- Seattle - Bainbridge Island
- Seattle - Bremerton
- Fauntleroy - Southworth
- Fauntleroy - Vashon
- Vashon - Southworth
- Point Defiance - Tahlequah

2017 Total Vehicles: 1,100
- Port Townsend - Coupeville: 140
- Mukilteo - Clinton: 1,060
- Edmonds - Kingston: 970
- Seattle - Bainbridge Island: 1,100
- Seattle - Bremerton: 1,200
- Fauntleroy - Southworth: 470
- Fauntleroy - Vashon: 500
- Vashon - Southworth: 550
- Point Defiance - Tahlequah: 230

2040 Total Vehicles: 1,300
- Port Townsend - Coupeville: 210
- Mukilteo - Clinton: 1,090
- Edmonds - Kingston: 1,140
- Seattle - Bainbridge Island: 1,200
- Seattle - Bremerton: 1,250
- Fauntleroy - Southworth: 470
- Fauntleroy - Vashon: 500
- Vashon - Southworth: 550
- Point Defiance - Tahlequah: 230
Total PM Peak Walk-On Passengers Westbound

<table>
<thead>
<tr>
<th>Route</th>
<th>2017 Total Vehicles</th>
<th>2040 Total Vehicles</th>
<th>Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>Port Townsend - Coupeville</td>
<td>140</td>
<td>1,300</td>
<td>+12%</td>
</tr>
<tr>
<td>Mukilteo - Clinton</td>
<td>1,100</td>
<td>1,100</td>
<td>+14%</td>
</tr>
<tr>
<td>Edmonds - Kingston</td>
<td>970</td>
<td>1,200</td>
<td>+9%</td>
</tr>
<tr>
<td>Seattle - Bainbridge Island</td>
<td>1,100</td>
<td>470</td>
<td>+11%</td>
</tr>
<tr>
<td>Seattle - Bremerton</td>
<td>420</td>
<td>500</td>
<td>+16%</td>
</tr>
<tr>
<td>Fauntleroy - Southworth</td>
<td>430</td>
<td>550</td>
<td>+9%</td>
</tr>
<tr>
<td>Fauntleroy - Vashon</td>
<td>500</td>
<td>230</td>
<td>+2%</td>
</tr>
<tr>
<td>Vashon - Southworth</td>
<td>30</td>
<td>30</td>
<td>+22%</td>
</tr>
<tr>
<td>Point Defiance - Tahlequah</td>
<td>230</td>
<td>210</td>
<td>+43%</td>
</tr>
</tbody>
</table>
San Juan Ridership
Westbound

<table>
<thead>
<tr>
<th>Year</th>
<th>2017 Total Riders</th>
<th>2040 Total Riders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anacortes/San Juans-Sidney, B.C</td>
<td>2,100 + 34%</td>
<td>2,600 + 24%</td>
</tr>
<tr>
<td>Inter-Island Vessel Only</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Vessels To/From Anacortes to/from SJ islands</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2017 Total Riders 2040 Total Riders
San Juan Route Vehicles
Westbound

2017 Total Vehicles 2040 Total Vehicles

- **Anacortes/San Juans-Sidney, B.C**
  - 50
  - 60 + 23%

- **Inter-Island Vessel Only**
  - 160
  - 210 + 33%

- **All Vessels To/From Anacortes to/from SJ islands**
  - 1,100
  - 1,400 + 23%
San Juan Walk-On Passengers
Westbound

2017 Walk-On Passengers:
- Anacortes/San Juans-Sidney, B.C: 40
- Inter-Island Vessel Only: 120
- All Vessels To/From Anacortes to/from SJ islands: 270

2040 Walk-On Passengers:
- Anacortes/San Juans-Sidney, B.C: 60 (52% increase)
- Inter-Island Vessel Only: 160 (32% increase)
- All Vessels To/From Anacortes to/from SJ islands: 490 (81% increase)
San Juan Ridership
Eastbound

<table>
<thead>
<tr>
<th></th>
<th>2017 Total Riders</th>
<th>2040 Total Riders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anacortes/San Juans-Sidney, B.C.3</td>
<td>140</td>
<td>390</td>
</tr>
<tr>
<td></td>
<td>310</td>
<td>170</td>
</tr>
<tr>
<td></td>
<td></td>
<td>+ 33%</td>
</tr>
<tr>
<td>Inter-Island Vessel Only</td>
<td>2,100</td>
<td>2,800</td>
</tr>
<tr>
<td></td>
<td></td>
<td>+ 26%</td>
</tr>
<tr>
<td>All Vessels To/From Anacortes to/from SJ islands</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
San Juan Vehicles
Eastbound

2017 Total Vehicles

2040 Total Vehicles

Anacortes/San Juans-Sidney, B.C
Inter-Island Vessel Only
All Vessels To/From Anacortes to/from SJ islands

<table>
<thead>
<tr>
<th>Year</th>
<th>Anacortes/San Juans-Sidney, B.C</th>
<th>Inter-Island Vessel Only</th>
<th>All Vessels To/From Anacortes to/from SJ islands</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>1,100</td>
<td>60</td>
<td>150</td>
</tr>
<tr>
<td>2040</td>
<td>1,400</td>
<td>200</td>
<td>70</td>
</tr>
</tbody>
</table>

+ 31%  
+ 32%  
+ 38%
San Juan Walk-On Passengers Eastbound

- 2040 Walk-On Passengers:
  - Anacortes/San Juans-Sidney, B.C.: 450
  - Inter-Island Vessel Only: 150
  - All Vessels To/From Anacortes to/from SJ islands: 60

- 2017 Walk-On Passengers:
  - Anacortes/San Juans-Sidney, B.C.: 260
  - Inter-Island Vessel Only: 120
  - All Vessels To/From Anacortes to/from SJ islands: 50

Change in Percentage:
- Inter-Island Vessel Only: +15%
- All Vessels To/From Anacortes to/from SJ islands: +72%