Triangle Task Force

Washington State Ferries
March 29, 2018
Tollbooth operations
Pre ticketed lane trial

• Prototype Features
  B. Dynamic signs fully used
  – Only for single destination sailings
    • 15:00 – 18:00 hours
    • “Pre-Ticketed Vashon” or “Pre-Ticketed Southworth”
  – Preference is to use south tollbooth
  – Used for final 4-5 minutes of loading (exit lanes)
  – Training required for SPD officer and splitter

Single destination sailings:
15:00 (V), 15:35 (SW), 16:00 (V), 16:20 (SW), 16:45 (V)
Potential benefits

- Can help fill approx. 10-15 empty spaces on the boat
- Serves both Southworth and Vashon communities
- No extra staff needed
- Potential for improvement
Potential challenges

• How much is changing the signs too much?

• Could add confusion to loading

• Possibility of cars blocking pre-ticketed lane

• Room for miscommunication between splitter, director, and officer (minute-by-minute traffic management)

• Not fully utilizing both tollbooths
Observations and comments from the group
Key takeaways and results

Findings
• Traffic fluctuates and is unpredictable.
• Many factors influence throughput at the tollbooth.
• Staff works hard and they have many dynamic responsibilities.
• There were times when one booth was empty and cars attempted to switch tollbooths at the last minute.
• Cars frequently blocked the pre-ticketed lane.
• There is still trouble filling certain sailings – notably, the 4:45 p.m. sailing to Vashon.
• There were frequent periods when there were no Vashon cars in the line to pull out. The relative percentage of Southworth traffic is increasing, especially at certain times.

Methodology
**Trial period:** We looked at the same M-F 3 pm - 6 pm period over 4 weeks going back six years. We looked at two weeks of baseline data and the two weeks when we were testing the pre-ticketed lane (March 12-16 and March 19-23) in 2018. The corresponding four weeks in 2013-2017 were used as comparison.
## Ticketing and capacity

Total vehicles processed (M-F, 3 pm - 6 pm) during *trial period*, separated by route

<table>
<thead>
<tr>
<th>Route</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Southworth</td>
<td>3,860</td>
<td>4,179</td>
<td>4,329</td>
<td>4,918</td>
<td>5,608</td>
<td>6,057</td>
</tr>
<tr>
<td>Vashon</td>
<td>7,715</td>
<td>7,346</td>
<td>7,330</td>
<td>6,960</td>
<td>7,102</td>
<td>6,901</td>
</tr>
<tr>
<td>Other</td>
<td>682</td>
<td>714</td>
<td>644</td>
<td>653</td>
<td>701</td>
<td>643</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>12,257</strong></td>
<td><strong>12,239</strong></td>
<td><strong>12,303</strong></td>
<td><strong>12,531</strong></td>
<td><strong>13,411</strong></td>
<td><strong>13,601</strong></td>
</tr>
</tbody>
</table>

*Boats on the route during the two week pre ticketed trial period were the Cathlamet (124 cars), Issaquah (124 cars), and Sealth (90 cars)*

### Current available vehicle capacity

<table>
<thead>
<tr>
<th>Sailing</th>
<th>Capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:35 Southworth</td>
<td>124</td>
</tr>
<tr>
<td>4:00 Vashon</td>
<td>124</td>
</tr>
<tr>
<td>4:20 Southworth</td>
<td>90</td>
</tr>
<tr>
<td>4:45 Vashon</td>
<td>124</td>
</tr>
<tr>
<td>5:10 Dual</td>
<td>124</td>
</tr>
<tr>
<td>5:45 Dual</td>
<td>124</td>
</tr>
</tbody>
</table>

**Monthly total**

(4 weeks, M-F, 3 pm - 6 pm) **14,200**
Share of tickets sold

Percentage of Vashon and Southworth ticket redemptions for trial period (M-F, 3 pm - 6 pm)

*Percentages do not total 100% due to the redemption of “other” tickets
Schedule concepts
Existing weekday morning schedule

- **Fauntleroy**
  - 0425
  - Crewchg 3-Bus 0510
  - 0550
  - 0610
  - 0650
  - 0705
  - 0725
  - 0750
  - 0825
  - 0845

- **Vashon**
  - 0350
  - 0405
  - 0440
  - 0520
  - 0545
  - 0615
  - 0620
  - 0640
  - 0700
  - 0720
  - 0730
  - 0755
  - 0815
  - 0840

- **Southworth**
  - 0330
  - 0420
  - 0500
  - 0600
  - 0640
  - 0755
  - 0820

- **Notes**:
  - S via F
  - Crewchg
  - V-F foot pax + carpools
  - I-Bus
  - Deadhead trip for crew
  - S-V foot pax only
Existing weekday afternoon schedule

Put on one lane of SW car traffic

1-Bus

F-S foot pax and vanpools only

Able to fill

Difficult to fill

Able to fill

Difficult to fill

1445 1500 1535 1600 1620 1645 1710 1745 1805 1835 1905 1930 2005

1450 1545 1605 V via F 1710 1735 1755 1830 1900 1920 1940 2025
Potential weekday afternoon schedule

Begin dual destination sailings earlier

New multi dest

Single/multi dest reversed

New direct (Vashon traffic via Fauntleroy)
Fauntleroy Paving Project
Fauntleroy paving work starts soon

- The pavement is deteriorating due to age and needs to be replaced.
- The work must occur every 7-10 years.
- The asphalt helps preserve the timber decking.
- Work will take place from 7 p.m. - 4 a.m., from April 9 – end of May.
- No work will be conducted Friday - Sunday nights.
**Fauntleroy paving impacts**

**What neighbors can expect**
- Work will include grinding, chipping, and paving and require the use of trucks and large machinery
- Crews will implement construction best practices to limit noise levels, when possible
- Neighbors will be notified via flyer, emails and media
- 24-hour construction hotline

**What customers can expect**
- Work happening during less busy travel times
- Drivers and walk-on customers should expect changes to loading and unloading procedures
- Extra traffic attendant to help direct cars during paving hours
Open house goals

- The purpose of the open houses is to:
  - Learn about Washington State Ferries' Long Range Plan
  - Share your ideas and help WSF identify priorities and considerations that should be included in the Long Range Plan
  - Meet the project team and ask questions
# Open house schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Community</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 17</td>
<td>Bainbridge Island</td>
<td>5:30-7:30 pm</td>
<td>Bainbridge Island Senior Center</td>
</tr>
<tr>
<td>April 19</td>
<td>Port Townsend</td>
<td>5-7 pm</td>
<td>Cotton Building</td>
</tr>
<tr>
<td>April 24</td>
<td>Vashon Island</td>
<td>6-8 pm</td>
<td>Vashon Island High School</td>
</tr>
<tr>
<td>April 25</td>
<td>Bremerton</td>
<td>5:30-7:30pm</td>
<td>Kitsap Conference Center</td>
</tr>
<tr>
<td>April 26</td>
<td>Southworth</td>
<td>6-8 pm</td>
<td>John Sedgwick Jr. High School</td>
</tr>
<tr>
<td>May 1</td>
<td>Clinton</td>
<td>5:30-7:30 pm</td>
<td>Clinton Community Hall</td>
</tr>
<tr>
<td>May 2</td>
<td>San Juan Islands</td>
<td>3:30-6:00 pm</td>
<td>Brickworks</td>
</tr>
<tr>
<td>May 8</td>
<td>Kingston</td>
<td>6-8 pm</td>
<td>Kingston Village Green Community Center</td>
</tr>
<tr>
<td>May 17</td>
<td>Fauntleroy</td>
<td>6-8 pm</td>
<td>Fauntleroy Church</td>
</tr>
</tbody>
</table>

**Online open house:** April 10 – May 24 at WSFlongrangeplan.com
Help us get the word out!

Open houses will be advertised through the following channels:

- Posters on vessels, in terminals, and distributed to community partners
- Press release
- Email alerts
- WSF Website
- Social media
- Assist. Secretary Amy Scarton’s Weekly Update
Open house plan

1. Welcome
   Thank you for attending tonight’s open house. Please sign-in and pick-up a copy of the meeting guide and quiz.

2. Background and Introduction
   Meet our team and learn all about why we’re developing a Long Range Plan.

3. Long Range Plan Elements
   Now that you’ve done your homework, it’s time to dive into the details. Learn about key plan elements, such as ferry service, vessels, terminals, technology, sustainability and more!

4. Tell us what you think
   Take our quiz, fill out a comment form, or write your ideas on a display board to help us understand community priorities for future ferry service.

5. Community Resources and Related Projects
   Meet your Ferry Advisory Committee and learn about what’s going on in the ferry system today.
Next meeting

• Thursday, May 17: 4:30-6 pm

• This meeting will be followed by the Fauntleroy Long Range Plan open house: 6-8 p.m.