



Joint Transportation Committee

Ferry System Review

King County Ferry District Operations, Capital and Finance Plan Overview

December 10, 2007

1. Project Background

Schedule:

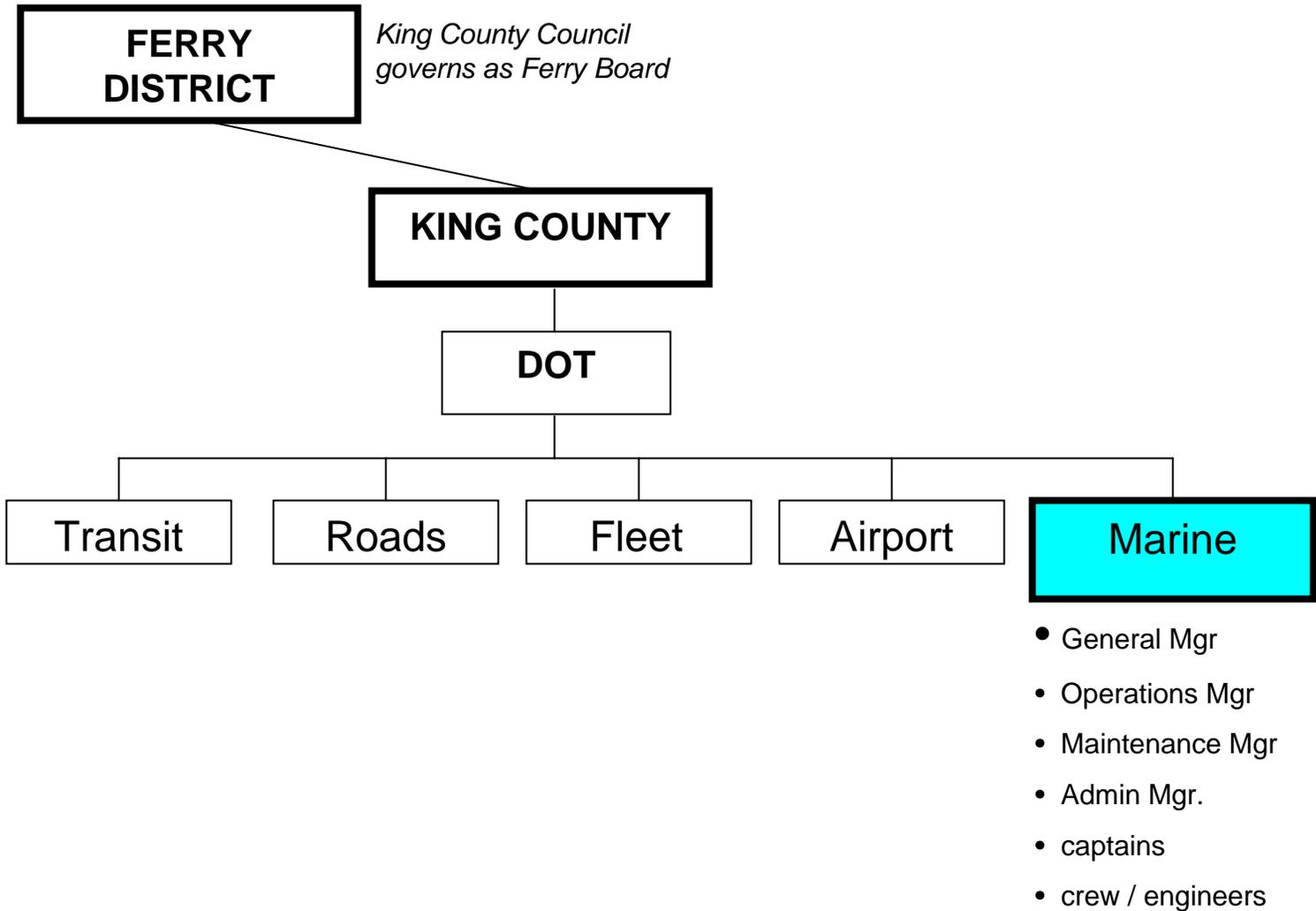
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- Spring 2006:** State authorized counties to submit business plans for assumption of the Vashon passenger-only ferry
- Nov. 2006** Vashon business plan submitted to Governor
- April 2007** Vashon business plan revised and approved
- April 30, 2007** Ferry District formed. Consultant hired to develop operations, capital, and finance plans
- Nov. 2007** Property tax levy passed by Council / Ferry Board
- July 2008** Planned date for Ferry District to assume financial responsibility of Vashon passenger-only service.
- July 2009** Ferry District assumes direct operation of Vashon service



2. Proposed Plan

- 2 existing routes (Vashon & Elliott Bay Water Taxi)
- Up to 5 new routes
- 149-passenger vessels
- Capital program upgrades/constructs terminals
- Ferry District contracts with King County for service operations
- New DOT Marine Division

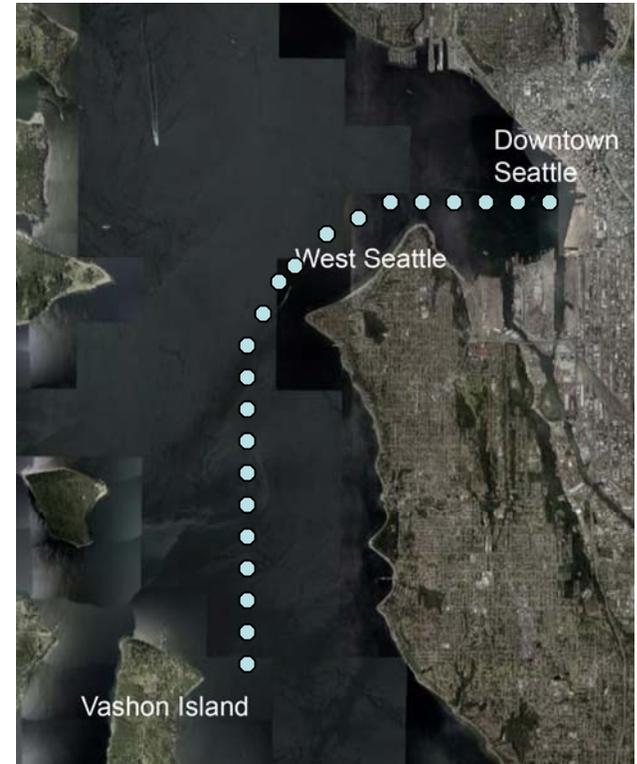
3. Governance / Organization Structure



4. Service - Existing Routes

Vashon Island – Downtown

- Peak (commuter) period service
- Monday-Friday operation, Year-round
- 30 minute crossings
- Three morning sailings from Vashon Island
- Three evening sailings from Seattle
- One 149-passenger vessel



	2007			2008				2009			
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
		APR MAY JUN	JUL AUG SEP	OCT NOV DEC	JAN FEB MAR	APR MAY JUN	JUL AUG SEP	OCT NOV DEC	JAN FEB MAR	APR MAY JUN	JUL AUG SEP
Vashon Island POF	WSF operation and funded					WSF operations, FD funded			KC in-house operations, FD funded		

5. Service - Existing Routes

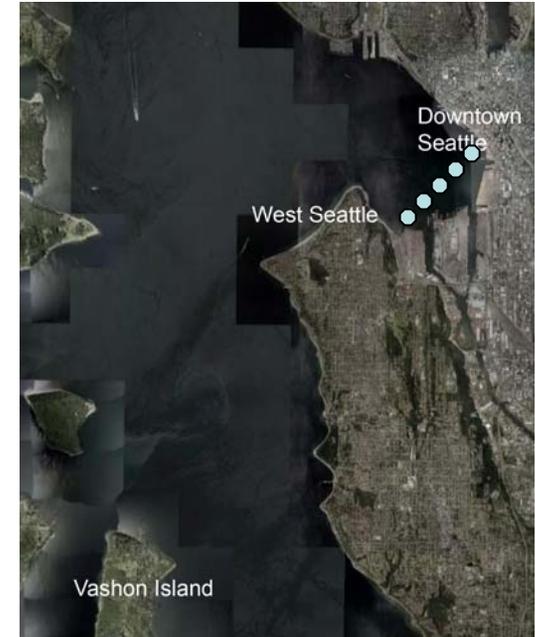
Elliott Bay Water Taxi

2008 & 2009 – April - October

- 7 days a week, all-day service
- Contractor-operated

Nov 2009 ...

- Move to year-round service
- 7 days a week, all-day service (Apr-Oct)
- Peak hour, weekday service (Nov-Mar)
- DOT In-house operations
- One 149-passenger vessel



	2007			2008				2009				2010			
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
	APR MAY JUN	JUL AUG SEP	OCT NOV DEC	JAN FEB MAR	APR MAY JUN	JUL AUG SEP	OCT NOV DEC	JAN FEB MAR	APR MAY JUN	JUL AUG SEP	OCT NOV DEC	JAN FEB MAR	APR MAY JUN	JUL AUG SEP	OCT NOV DEC
Elliott Bay Water Taxi					Extended season, FD funded				Extended season, FD funded			KC in-house operations, FD funded			

6. New Routes

Implement 5 new demonstration routes

Route studies, shuttles and dock improvements included in demo costs

Two-Year demonstrations

- Year-round service, begin mid-year
- Peak period, Monday-Friday
- Use existing dock facilities

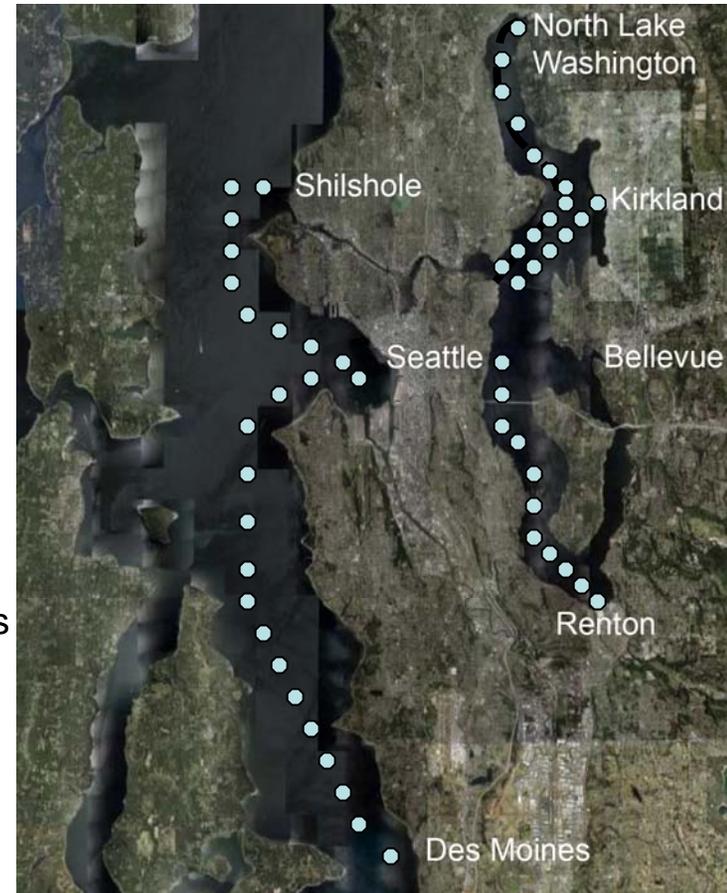
Third-year

- Transition year to permanent service
- Implement capital investments for facilities and vessels

Funds included to move all 5 demonstration routes to permanent service

First demo scheduled to begin mid-2009, followed each year by another route

Candidate Routes





7. Vessels

149-passenger vessels

- One primary vessel for each route
- back-up vessel for every 2-3 routes

For first 2 years, lease vessels

For long-term operations, procure new vessels to specification

Leased Vessels

May be interchangeable between routes

Provide operating experience & time to purchase & build new vessels

Obtain customer feedback on vessel type & amenities



Example Lease Vessel

Purchased Vessels

Identical vessels that are interchangeable between routes

30-knot low-wake catamaran

Fuel efficient

Low emission



8. Terminals / Facilities

Pier 50 (Downtown Seattle)

Hub terminal for routes on Puget Sound, including both Vashon Island and West Seattle

Improvements to include:

- ADA upgrades
- Replace existing steel float with a concrete float
- Replace waiting tent with a permanent building

West Seattle

Stay at Seacrest in the near-term, but replace float for safe year-round operation

Long-term terminal may be at Seacrest or Pier 2

PUGET SOUND ROUTES

Vashon Island

Improvements to include:

- ADA upgrades
- Improved routine maintenance and upkeep

Demonstration Routes (possible terminal sites)

- Des Moines
- Shilshole

Moorage / Maintenance Facility

Lease site in Duwamish / Harbor Island area

Site upgrades for vessel access, maintenance and office needs



9. Terminals / Facilities

LAKE WASHINGTON ROUTES

Demonstration Routes (possible terminal sites)

- Kirkland
- Kenmore
- Renton
- West side (Seattle)

Moorage / Maintenance Facility

Lease location to support Lake Washington routes.

Handle minor maintenance, provide overnight moorage

10. Fare Assumptions

The financial analysis assumes:

- Fares collected both directions on all routes (including Vashon Island)
- No seasonal peak/off-peak pricing (year-round fares)
- Pricing on a route-by-route basis commensurate with existing fares
- No bicycle surcharge
- Participation in regional fare integration initiatives such as Puget Pass and smart card when it is available.





11. 10-year Finance Plan

- Based on 10-Year Planning Period with 10-Year Bond Repayment
- Assumes 7 routes are permanent service by end of 10 years.
- Requires a county-wide 5.5 cent (per \$1,000 assessed value) property tax rate

Total Operating costs	\$127.5 million / 10-yr
Total Operating revenue	\$19.5 million / 10-yr
Total Capital program costs	\$140.9 million / 10-yr
Total Capital revenue (WSF vessel proceeds & grants)	\$22.8 million / 10-yr
Annual Property Tax Revenue based on 5.5 cents / \$1,000 rate	\$18.4 million 2008
	\$24.0 million 2017