

# WASHINGTON STATE FERRIES LONG RANGE PLANNING

## Route-Level Summary: EDMONDS - KINGSTON

### Range of LRP Choices

Strategies Can be Mixed and Matched to Achieve TDM Goals  
*{Strategies would be phased in based on route-level demand conditions}*

Services Can be Matched with Strategies (Or Not)  
*{Services would be added based on demand conditions and funding availability}*

	Base Outlook (No Changes)	Strategies Only Reservations/Transit	Strategies Only Reservations/Transit/Pricing	Strategies & Some Service (Level I)	Strategies & More Service (Level II)
<b>Service Plan</b>	Existing Service Level	Existing Service Level	Existing Service Level	Add a 3rd boat year round (less than 100 cars)	Add a 3rd boat year round (more than 100 cars)
<b>Strategies and Ridership Demand Responses</b>	<p>August Vehicle Space Used, by Fare Type</p> <p>Projected Growth 2006-2030 Vehicle increase -- 38% Walk-on increase -- 78%</p>	<p><b>Vehicle Reservations:</b></p> <ul style="list-style-type: none"> <li>90% of boat reserved in peak</li> <li>Resident/frequent user program with 50%-70% of commuter sailings</li> <li>Commercial/freight program to target lower volume sailings</li> </ul> <p><b>Transit Enhancements:</b></p> <ul style="list-style-type: none"> <li>New transit services on both sides</li> <li>Improve weather protection and passenger comfort</li> <li>Pedestrian/bicycle oriented safety improvements (railroad overpass)</li> <li>Car sharing spaces at terminals</li> <li>Expanded park and ride on westside</li> </ul> <p><b>Demand Implications:</b></p> <ul style="list-style-type: none"> <li>Small shifts from drive-on to walk-on</li> <li>Priority given to commuter traffic during high demand periods</li> </ul>	<p><b>Reservations:</b></p> <ul style="list-style-type: none"> <li>Same as previous</li> </ul> <p><b>Transit Enhancements:</b></p> <ul style="list-style-type: none"> <li>Same as previous</li> </ul> <p><b>Pricing:</b></p> <ul style="list-style-type: none"> <li>20% (+/-) Vehicle surcharge (peak only)</li> <li>20% (+/-) Passenger discount (all times)</li> <li>20% (+/-) Small car discount (all times)</li> <li>Vehicle frequent user discount applied to variable time-of-day price</li> </ul> <p><b>Demand Implications:</b></p> <ul style="list-style-type: none"> <li>Peak vehicles reduced -- shifts to other times, walk-on, small cars &amp; motorcycles</li> <li>Higher peak prices would reduce overall vehicle trips</li> <li>Increased passengers due to lower passenger fares</li> </ul>	<p><b>Reservations:</b></p> <ul style="list-style-type: none"> <li>Same as previous</li> </ul> <p><b>Transit Enhancements:</b></p> <ul style="list-style-type: none"> <li>Same as previous</li> </ul> <p><b>Pricing:</b></p> <ul style="list-style-type: none"> <li>Same as previous</li> </ul> <p><b>Demand Implications:</b></p> <ul style="list-style-type: none"> <li>Same as previous in terms of pricing effects</li> <li>Additional service may lead to increased ridership as more people will be able to travel when they would like to go</li> </ul>	<p><b>Reservations:</b></p> <ul style="list-style-type: none"> <li>Same as previous</li> </ul> <p><b>Transit Enhancements:</b></p> <ul style="list-style-type: none"> <li>Same as previous</li> </ul> <p><b>Pricing:</b></p> <ul style="list-style-type: none"> <li>10% (+/-) Vehicle surcharge (peak only)</li> <li>10% (+/-) Passenger discount (all times)</li> <li>20% (+/-) Small car discount (all times)</li> <li>Vehicle frequent user discount applied to variable time-of-day price</li> </ul> <p><b>Demand Implications:</b></p> <ul style="list-style-type: none"> <li>Lower peak time prices reduce shifts away from vehicles</li> <li>Lower passenger fare discount will reduce passenger increases</li> <li>Additional service may lead to increased ridership</li> </ul>
<b>Level of Service Implications</b>	<ul style="list-style-type: none"> <li>2030 peak wait times – 50 mins (May), 61 mins (Aug)</li> <li>Excess vehicle demand vs supply during the peak – 208 (May) – 344 (August)</li> <li>Percent of 2030 weekly vehicle capacity filled – 90% (May) – 101% (August)</li> </ul>	<ul style="list-style-type: none"> <li>Wait times would be eliminated</li> <li>Very little change in demand, so some vehicles will have to shift out of high demand periods, change modes, or not travel</li> <li>Total utilization would remain high</li> </ul>	<ul style="list-style-type: none"> <li>Wait times would be eliminated</li> <li>Pricing would reduce demand in peak</li> <li>Smaller imbalance between demand for reservations and supply in peak</li> <li>Utilization would remain high, though total trips would be somewhat lower</li> </ul>	<ul style="list-style-type: none"> <li>Wait times would be eliminated</li> <li>Pricing effects same as previous</li> <li>Demand is better served</li> <li>Utilization would remain high, though it would be lower overall due to increased number of sailings in the summer</li> </ul>	<ul style="list-style-type: none"> <li>Wait times would be eliminated</li> <li>Pricing effects lessened as more service reduces need to manage demand</li> <li>Demand is much better served</li> <li>Utilization would be lower overall due to increased number of sailings</li> </ul>
<b>Cost Implications</b>	<p><b>Operating needs:</b></p> <ul style="list-style-type: none"> <li>Operate current service levels</li> </ul> <p><b>Capital needs:</b></p> <ul style="list-style-type: none"> <li>Preservation plus:</li> <li>Additional vehicle holding and handling</li> </ul>	<p><b>Operating needs:</b></p> <ul style="list-style-type: none"> <li>Current service +</li> <li>Higher costs for reservations, transit services</li> </ul> <p><b>Capital needs:</b></p> <ul style="list-style-type: none"> <li>Preservation +</li> <li>Passenger facilities</li> <li>Additional holding in Edmonds</li> <li>Reservation system</li> </ul>	<p><b>Operating needs:</b></p> <ul style="list-style-type: none"> <li>Same as previous</li> </ul> <p><b>Capital needs:</b></p> <ul style="list-style-type: none"> <li>Same as previous</li> </ul>	<p><b>Operating needs:</b></p> <ul style="list-style-type: none"> <li>Same as previous +</li> <li>Higher costs for vessel operations</li> </ul> <p><b>Capital needs:</b></p> <ul style="list-style-type: none"> <li>Same as previous +</li> <li>New vessel</li> </ul>	<p><b>Operating needs:</b></p> <ul style="list-style-type: none"> <li>Same as previous +</li> <li>Higher costs for vessel &amp; terminal operations</li> </ul> <p><b>Capital needs:</b></p> <ul style="list-style-type: none"> <li>Same as previous +</li> <li>Second slip at Edmonds or new terminal</li> </ul>
<b>Anticipated Impacts</b>	<p><b>Customers:</b></p> <ul style="list-style-type: none"> <li>Reduced level of service for vehicles</li> <li>Longer waits for boats for vehicles</li> </ul> <p><b>Community:</b></p> <ul style="list-style-type: none"> <li>Queuing impacts associated with overloads and multi-sailing waits</li> </ul>	<p><b>Customers:</b></p> <ul style="list-style-type: none"> <li>Reservations will require changes in how customers use the ferries</li> <li>Much more predictable service, no meaningful terminal delay with reservations</li> <li>Some people won't get reservations for when they would like to travel</li> <li>More transit options</li> </ul> <p><b>Community:</b></p> <ul style="list-style-type: none"> <li>No queuing impacts</li> </ul>	<p><b>Customers:</b></p> <ul style="list-style-type: none"> <li>Higher cost for vehicles, lower cost for passengers</li> <li>Fewer peak vehicles means more people who want reservations will get them</li> <li>Can avoid higher peak vehicle costs with small cars or walking-on</li> </ul> <p><b>Community:</b></p> <ul style="list-style-type: none"> <li>No queuing impacts</li> </ul>	<p><b>Customers:</b></p> <ul style="list-style-type: none"> <li>More sailing options during high demand periods, more likely to get reservations closer to desired time</li> </ul> <p><b>Community:</b></p> <ul style="list-style-type: none"> <li>No queuing impacts</li> <li>More service to support peaks and encourage more tourism-related travel in the summer</li> </ul>	<p><b>Customers:</b></p> <ul style="list-style-type: none"> <li>More service means less congestion pricing necessary</li> <li>Better balance between supply and demand</li> </ul> <p><b>Community:</b></p> <ul style="list-style-type: none"> <li>No queuing impacts</li> <li>More service to support peaks and encourage more tourism-related travel in the summer</li> </ul>