

# WASHINGTON STATE FERRIES LONG RANGE PLANNING

## Route-Level Summary: POINT DEFIANCE - TAHLEQUAH

### 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	Existing Service Hours with a 64-car vessel	Increase service hours above existing levels with 87-car vessel
<b>Strategies and Ridership Demand Responses</b>	<p>August Vehicle Space Used, by Fare Type</p> <p>Projected Growth 2006-2030 Vehicle Increase: 20% Walk-on Passenger Increase: 31%</p>	<p><b>Vehicle Reservations:</b></p> <ul style="list-style-type: none"> <li>Up to 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 access improvements</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>No pricing strategies necessary</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> <li>If there are higher prices at the northend, then some increase in traffic might be expected</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>No pricing strategies necessary</li> </ul> <p><b>Demand Implications:</b></p> <ul style="list-style-type: none"> <li>Similar to previous</li> <li>Meet current service standards -- no reserve capacity during the peak</li> <li>If there are higher prices at the northend, then some increase in traffic might be expected</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 for Vashon:</b></p> <ul style="list-style-type: none"> <li>No pricing strategies necessary</li> </ul> <p><b>Demand Implications:</b></p> <ul style="list-style-type: none"> <li>Similar to previous</li> <li>Larger vessel could accommodate more peak traffic</li> <li>If there are higher prices at the northend, then some increase in traffic might be expected</li> </ul>
<b>Level of Service Implications</b>	<ul style="list-style-type: none"> <li>2030 peak wait times – 26 mins (May), 30 mins (Aug)</li> <li>No excess vehicle demand versus capacity in the peak</li> <li>Percent of 2030 weekly vehicle capacity filled – 37% (May), 38% (August)</li> </ul>	<ul style="list-style-type: none"> <li>Wait times would be reduced</li> <li>Very little change in demand</li> <li>Overall utilization would remain modest</li> </ul>	<ul style="list-style-type: none"> <li>Wait times would be reduced</li> <li>Very little change in demand</li> <li>Overall utilization would remain modest</li> </ul>	<ul style="list-style-type: none"> <li>Same as previous with respect to wait times</li> <li>Overall utilization would increase with the 64-car vessel</li> </ul>	<ul style="list-style-type: none"> <li>Wait times would be reduced</li> <li>Demand is well served</li> <li>Overall utilization would likely be lower due to larger vessel</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: <ul style="list-style-type: none"> <li>Additional tollbooth and holding at Pt. Defiance</li> <li>Additional parking at Tahlequah</li> </ul> </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>Reservation system</li> <li>Technology at tollbooths</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>Reduced costs for vessel fuel and operations</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 existing +</li> <li>Higher costs for fuel and vessel operations</li> </ul> <p><b>Capital needs:</b></p> <ul style="list-style-type: none"> <li>Same as previous</li> </ul>
<b>Anticipated Impacts</b>	<p><b>Customers:</b></p> <ul style="list-style-type: none"> <li>Slightly reduced level of service for vehicles</li> <li>Slightly longer waits for boats for vehicles</li> </ul> <p><b>Community:</b></p> <ul style="list-style-type: none"> <li>Some queuing impacts</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>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>Reservations will require changes in how customers use the ferries</li> <li>Much more predictable service, no meaningful terminal delay with reservations</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>Same as previous +</li> <li>Some customers would no longer be able to travel at their desired times</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>Same as previous +</li> <li>More predictable service, no meaningful terminal delay with reservations</li> <li>More service means customers can travel when they would like to</li> </ul> <p><b>Community:</b></p> <ul style="list-style-type: none"> <li>No queuing impacts</li> <li>More service coverage offers better community connections</li> </ul>