



# Orcas Alternatives Evaluation

Alternative Description	Meets Design Standard	Wetland Impact	Land Use Impact	Cost (\$ - \$\$\$\$)	Recommend	Do Not Recommend
<b>Runway</b>						
Runway Alternative 1	No change	No	None	None		
Runway Alternative 2	Widen to 75' to meet FAA standard	Yes	None anticipated	Property acquisition recommended for RPZ; no change in RPZ dimensions	\$\$	
Runway Alternative 3	Widen to 75' to meet FAA standard; displace thresholds for more useable runway length	Yes	None anticipated	Property acquisition recommended for RPZ; change in RPZ dimensions	\$\$\$	
Runway Alternative 4	Widen to 75' to meet FAA standard; displace thresholds for more useable runway length; rotate runway 0.82 degrees to west	Yes	Minor impacts to wetlands west of existing runway	Property acquisition recommended for RPZ; change in RPZ dimensions	\$\$\$\$	
<b>Parallel Taxiway</b>						
Taxiway Alternative 1	No change	No, modification to standard required	None	None		
Taxiway Alternative 2	Relocate taxiway east 156' from runway centerline	No, modification to standard required	None anticipated	Property acquisition required	\$\$	
Taxiway Alternative 3	Relocate taxiway east 240' from runway centerline	Yes	None anticipated	Property acquisition required; Marina reconfiguration required	\$\$\$	
Taxiway Alternative 4	Relocate taxiway east 240' from runway centerline (based on realigned runway)	Yes	None anticipated	Property acquisition required; Marina reconfiguration required	\$\$\$\$	
<b>SE Development</b>						
SE Development Alternative 1	Hangars/Terminal/Tie Downs with auto parking along N. Beach Road	Yes	None	None	\$\$\$	
SE Development Alternative 2	Hangars/Terminal/Tie Downs with auto parking along Mt. Baker Road	Yes	None anticipated	Zoning change required to parcel along N. Beach Road	\$\$\$	
<b>Westside Development</b>						
Westside Development Alternative 1	No change	NA	None	None		
Westside Development Alternative 2	Hangars and potential de-icing hangar	Yes	Potential impacts to wetlands west of existing runway	Property acquisition may be required; potential for land swap as shown	\$\$	
<b>Runway 16 RPZ</b>						
16 RPZ Alternative 1	No change	No	None	None		
16 RPZ Alternative 2	Displace threshold	Yes	None anticipated	Property acquisition required; closure of Nina Lane	\$\$	
<b>Runway 34 RPZ</b>						
34 RPZ Alternative 1	No change	No	None	None		
34 RPZ Alternative 2	Realign Mt. Baker road to the south outside of approach RPZ	Possibly	Potential impacts to wetlands south of existing runway	None	\$\$\$	
34 RPZ Alternative 3	Realign Mt. Baker road down to Enchanted Forest	Yes	Potential impacts to wetlands south of existing runway	None	\$\$\$	