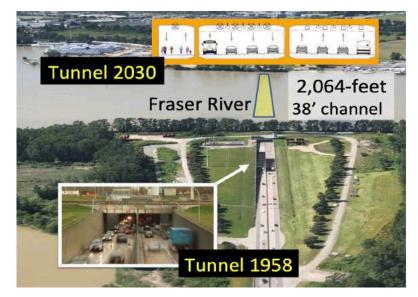
## The shallow Columbia River is an ideal immersed tunnel site.

In **1958** Washington and Oregon celebrated the opening of the second Columbia River Bridge, a twin of the first 1917 steel-truss bridge. (**27-foot** river depth)



In **1958** British Columbia opened a four-lane immersed tunnel under the **38-foot** deep Frasier River ship channel. A new eight-lane tunnel (two for BRT) will replace this tunnel in 2030.



In **1958** Havana, Cuba opened a four-lane immersed tunnel under its **45-foot** deep port channel.



*Note both 1958 tunnels are much deeper than the Columbia River's 27-foot depth.* Bob Ortblad MSCE, MBA