



Immersed Tunnel Advantages

Local Portland shipyards, Gunderson or Vigor can fabricate steel immersed tubes faster and for less risk and cost than IBR's bridge. An 8-lane I-5 tunnel will be half as long as the 1985 Fort McHenry 8-lane tunnel and sixth as long as China's 2024 Pearl River 8-lane tunnel.

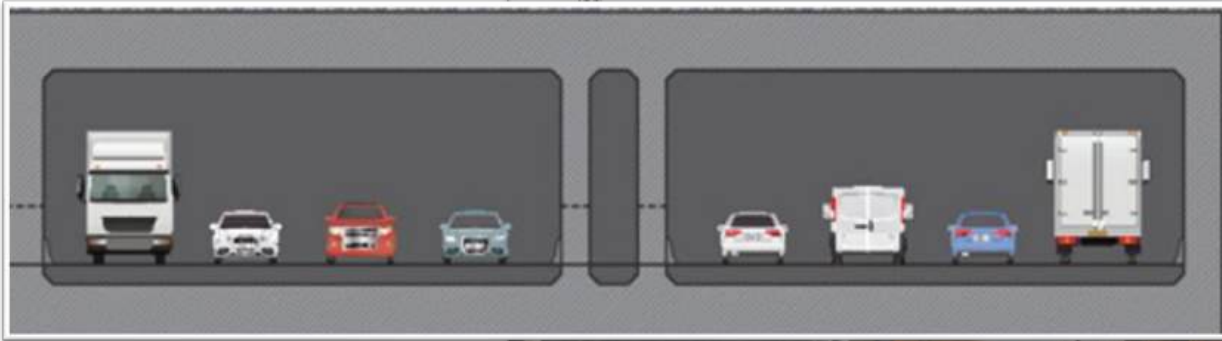
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Characteristics / Advantages

- Suitable for various and relatively poor soil conditions
- Parallel construction processes
- Relatively low and manageable risk profile
- Capable of dealing with (severe) seismic events
- 80-90% of all design and construction works can be done by local companies (limited input from international specialists)





Columbia River

Immersed Tube
2,800 feet
8 segments
8 lanes



Fort McHenry Tunnel, Baltimore 1985

Immersed Tube
5,400 feet
32 segments
8 lanes



Pearl River Delta, China 2024

Immersed Tube
16,520 feet
32 segments
8 lanes

