

Citizens, engineers, and contractors from both Hayden Island and Vancouver support an Immersed Tunnel.

Suggested viewing:

ASCE "Exploring an Immersed Tunnel Solution."

<https://www.youtube.com/watch?v=wWvkRV3alkM&t=2472s>

Hayden Island Neighborhood Network (200 attendees)

<https://www.youtube.com/watch?v=zRXJqqNEZMY&t=5s>



Bob Ortblad MSCE, MBA

WSP widened Houston's Katy Freeway and is now advising the IBR on a wider I-5 and rebuilding 7 interchanges.

IBR's Administrator is an ex-WSP senior VP.

An Immersed Tunnel connecting to current interchanges, was intentionally disqualified by IBR & WSP.



WSP is IBR's prime engineering consultant and boasts about 3D technology that has been applied to the IBR's bridge design for 18 months.

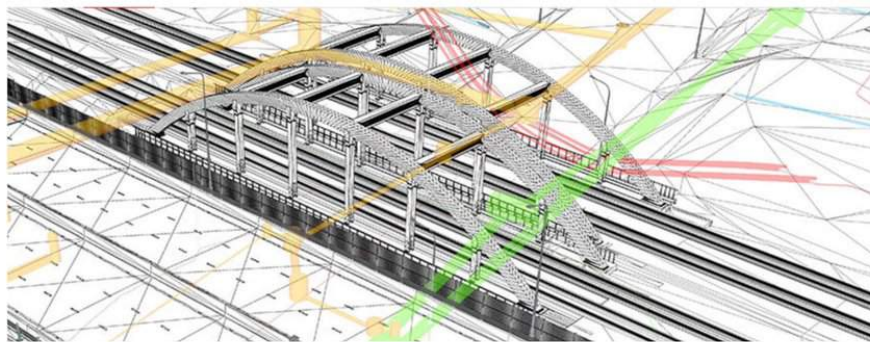
However, the IBR claims they have no 3D models they can show the public.



**Where's the 3D ?**

**DIGITAL TWINS ADVANCE SUSTAINABLE INFRASTRUCTURE -WSP**

“We can easily build a 3D model to create a digital twin that enables early consideration of multiple project aspects”.



IBR spent \$100,000 on 17 engineers & consultants to disqualify an immersed tunnel alternative.

Deceptively evaluated a tunnel under 3 current barge channels US Coast Guard & Corps of Engineers will require a single channel near the center of the river.



**17**

**Engineers  
&  
Consultants**

**\$100,000**



**Immersed Tunnel needs only single Barge Channel**

