

## Joint Interim Committee On The Interstate 5 Bridge

For the committee's convenience, I have provided the links to my written testimony for 2021, 2020, 2019.

Please study my testimony.

Any comments or corrections will be very welcome.

Respectfully,  
Bob Ortblad MSCE, MBA

### Written Public Testimony

#### Nov. 23, 2021

Stacked alignment option

<https://olis.oregonlegislature.gov/liz/202111/Downloads/CommitteeMeetingDocument/250597>

High Risk Bridge

<https://olis.oregonlegislature.gov/liz/202111/Downloads/CommitteeMeetingDocument/250595>

Letter to United States Coast Guard

<https://olis.oregonlegislature.gov/liz/202111/Downloads/CommitteeMeetingDocument/250596>

#### Oct. 27, 2021

Retraction Required

<https://olis.oregonlegislature.gov/liz/202111/Downloads/CommitteeMeetingDocument/250082>

Lewis and Clark Trail

<https://olis.oregonlegislature.gov/liz/202111/Downloads/CommitteeMeetingDocument/250081>

Plague of problems puts Bay Bridge seismic safety in question

<https://olis.oregonlegislature.gov/liz/202111/Downloads/CommitteeMeetingDocument/250096>

#### Sept. 17, 2021

Steep and Dangerous Bridge

<https://olis.oregonlegislature.gov/liz/202111/Downloads/CommitteeMeetingDocument/249622>

Vancouver River Park

<https://olis.oregonlegislature.gov/liz/202111/Downloads/CommitteeMeetingDocument/249626>

Tunnel Concept Assessment

<https://olis.oregonlegislature.gov/liz/202111/Downloads/CommitteeMeetingDocument/249624>

Tunnel would be safer than bridge

<https://olis.oregonlegislature.gov/liz/202111/Downloads/CommitteeMeetingDocument/249625>

#### Dec. 15, 2020

Gothenburg, Sweden

<https://olis.oregonlegislature.gov/liz/201911/Downloads/CommitteeMeetingDocument/227329>

#### Nov. 24, 2020

Immersed Tunnel less impact

<https://olis.oregonlegislature.gov/liz/201911/Downloads/CommitteeMeetingDocument/226910>

**Oct. 1, 2020**

Examples of light rail in immersed tunnels

<https://olis.oregonlegislature.gov/liz/201911/Downloads/CommitteeMeetingDocument/226736>

**July 16, 2020**

Beaverton Valley Times

<https://olis.oregonlegislature.gov/liz/201911/Downloads/CommitteeMeetingDocument/224755>

**Dec. 20, 2019**

Seismic Risk

<https://olis.oregonlegislature.gov/liz/201911/Downloads/CommitteeMeetingDocument/208560>

**Nov. 13, 2019**

Advantages Immersed Tunnel

<https://olis.oregonlegislature.gov/liz/201911/Downloads/CommitteeMeetingDocument/207468>