

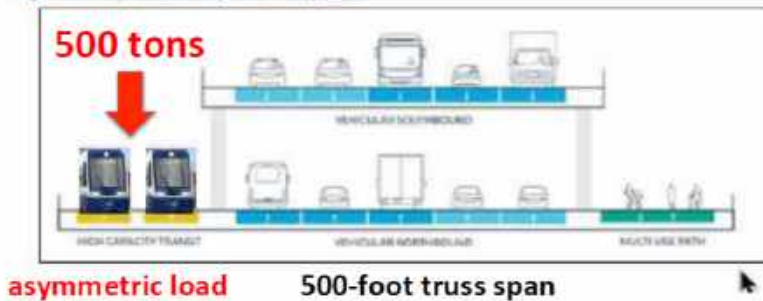
The IBR's **"Stacked alignment option"** has at least two major problems.

1. Asymmetrical loading



asymmetrical loading

Figure 4. Stacked alignment option



Asymmetrical loading contributed to the Minneapolis I-35 Bridge collapse.

A 500-ton asymmetric load on a cantilever will twist the 500-foot trusses needed for the "Stacked alignment option".

2. Weather and Noise exposure



Figure 4. Stacked alignment option

Weather and Noise exposure



If the rain and wind don't blow pedestrians and cyclists off the bridge, then direct and reflected noise will drive them off.

Immersed tube tunnel the best option

An immersed tube tunnel uses buoyancy for support, displacing its own weight in a river bottom trench. A bridge needs complex and expensive 250-foot pilings, 100-foot bridge piers, and 500-foot trusses for support.



An immersed tube tunnel protects pedestrians and cyclists from weather, vehicle pollution, and noise.

