

Fact Sheet

Missouri

National First

- The independent report, authored by global engineering company Black & Veatch, is the 1st ever feasibility study of a hyperloop in the U.S.

Commercially Viable Hyperloop Route

- Study looks at Virgin Hyperloop One's technology especially, the only company to have built a full-scale hyperloop prototype, and confirms commercial viability based on examination of the social impact, station locations, regulatory issues, route alignments, and rights-of-way
- VHO's linear infrastructure costs are around **40% lower** than those seen in high-speed rail projects around the world, while the system delivers two to three times faster speeds
- The cost to take a hyperloop from St. Louis to Kansas City would be **lower than the cost of gas to drive**, while still cutting down the time by three hours, to 28 minutes
- **80% increase in ridership demand** for proposed route of 16,000 to 51,000 riders per round trip
- Travel time savings equate up to **\$410 million** per year
- Reduction in accidents along the I-70, putting up to **\$91 million** per year back in people's pockets





Kansas City to St. Louis in less than 30 minutes

An Ideal Corridor

- Route connects the state's two largest metro areas and the University of Missouri System into an interlinked economic powerhouse of five million residents, right in the Heartland of the U.S.
- Travel time between Kansas City and St. Louis will be reduced by approximately 3 hours (to 28 minutes), and the savings for trips to and from Columbia would be approximately 1.5 hours (to 15 minutes)
- I-70, at the crossroads of the US, is connected to six other major interstate highways.
- The proposed corridor is very straight and relatively flat, making construction relatively straight-forward and high speeds achievable
- Missouri's is located within 500 miles of 43 percent of the U.S. population, 44 percent of all U.S. manufacturing plants, and seven of the top 25 international cargo hubs in the U.S. The route could serve as a central link to an eventual national hyperloop network.