



Why is southwestern Pennsylvania the best location to deploy the initial U.S. high-speed maglev project? First is the strategic location in terms of the population density of the nation. Pittsburgh is roughly ½ way between New York and Chicago. Southwestern Pennsylvania is a natural hub connecting the large cities of the Atlantic coast with the large cities of the Midwest.

Application in southwestern Pennsylvania will serve a real transportation need. The rivers and ridges, tunnels and bridges in southwestern Pennsylvania have restricted traffic flow in the region and make it very difficult for additional highway construction. Traffic is congested and high-speed maglev will provide a solution to a real traffic problem in the region.

Terrain provides another part of the answer. The terrain of the region is rugged and would provide a real demonstration of the capabilities of high-speed maglev’s grade climbing capability. The deployment in northwestern Germany and also in the City of Shanghai, China have already demonstrated that the system will work well on flat terrain. Deployment in Pennsylvania will demonstrate its capabilities in more rugged terrain.

Varied climate is yet another reason for deployment in Pennsylvania. The region has cold winters and hot summers that when combined with its summer rains and winter snows will allow full demonstration of high-speed maglev.

Political support at all levels from local, state and national exists for high-speed maglev in Pennsylvania.