

First High-Speed Guideway Beam Produced in the U.S.



The first high-speed guideway beam produced in the U.S. has been fabricated in the MAGLEV, Inc. R&D facility. The beam itself has been produced in full cross section but in abbreviated length. The width of the top plate is 9.2 feet wide and its length is 22.5 feet. The beam is a two-cell model of a beam that is anticipated to be produced for the Pennsylvania High-Speed Maglev Project and is approximately 10% of the length of the longest beam anticipated to be produced. The longest beam will be 204 feet long (62 meters) and weigh approximately 120 tons.

A 4 inch x 4 inch steel block is shown on the top plate of the model beam for perspective purposes.