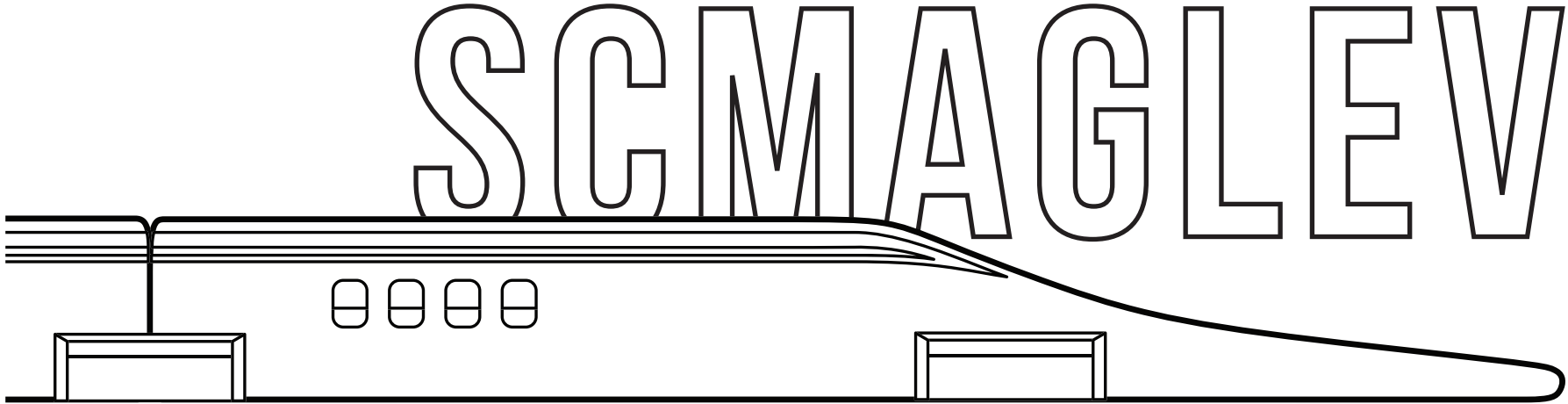


# NORTHEAST MAGLEV

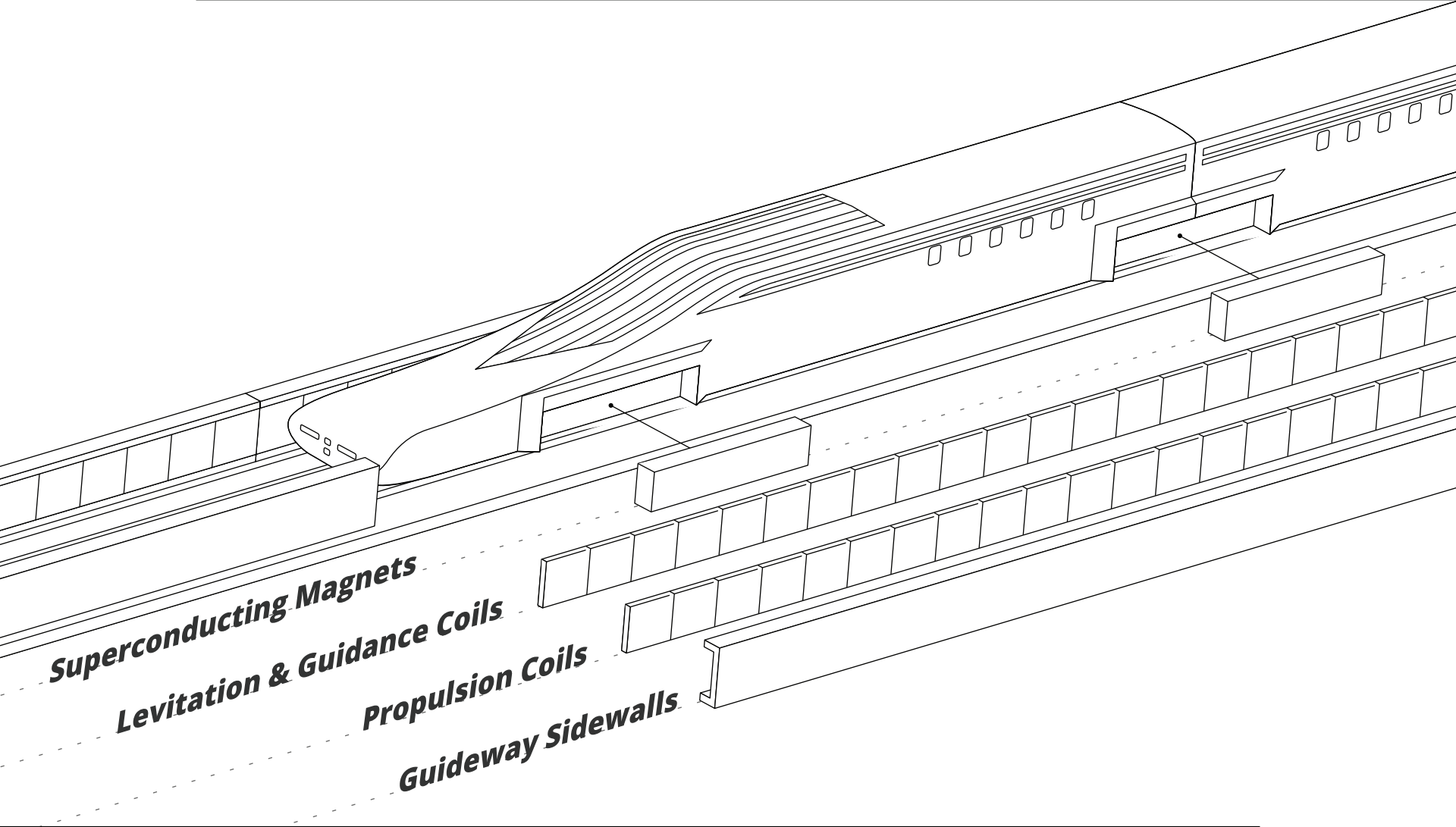
NATIONAL COLORING BOOK DAY

The SCMAGLEV (Superconducting Maglev) is a magnetic levitation (maglev) transportation system based on the principles of magnetic attractions and repulsions between the guideway and the cars.

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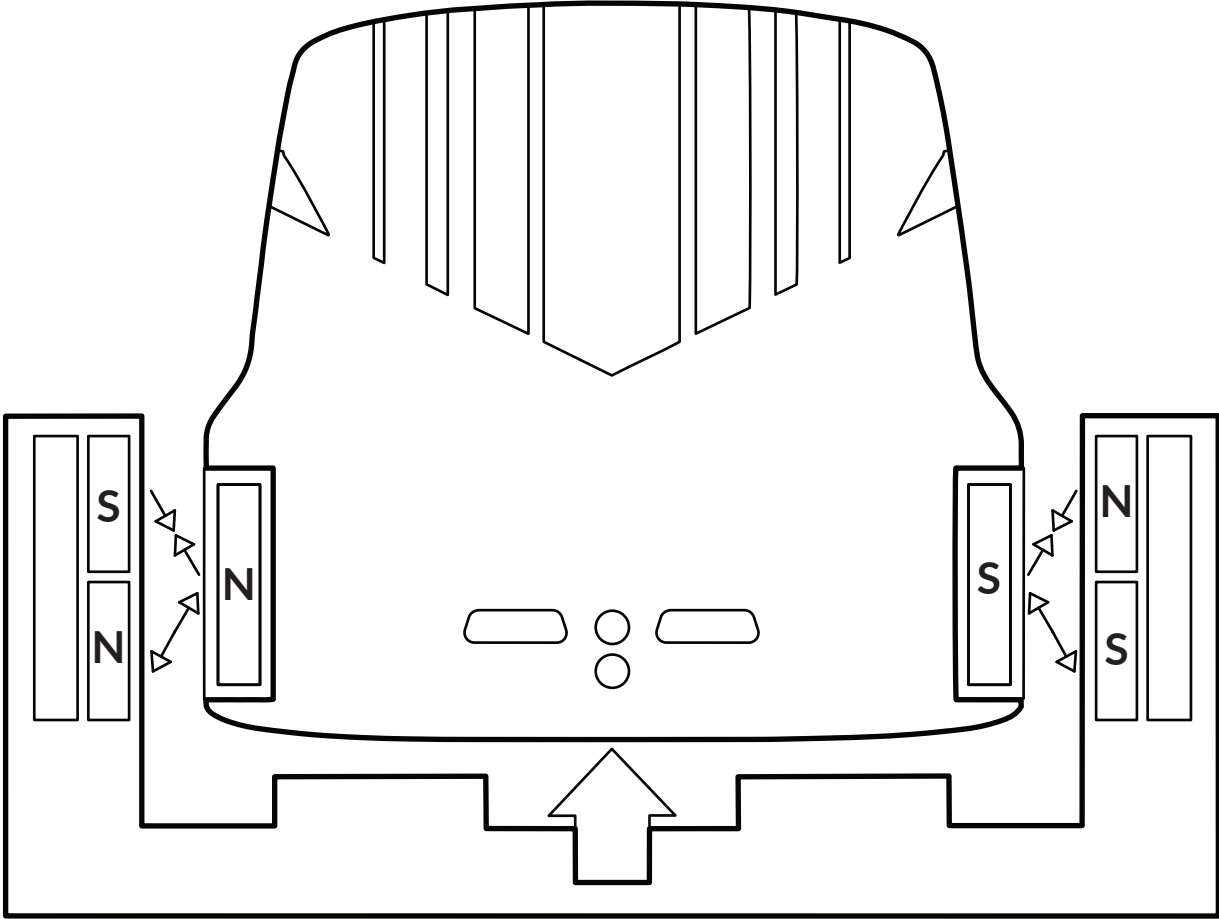


The keys to the SCMAGLEV system's high speed and acceleration are the magnetic forces acting between powerful superconducting magnets located on board the trains and two sets of coils that are installed in the walls of the guideway.



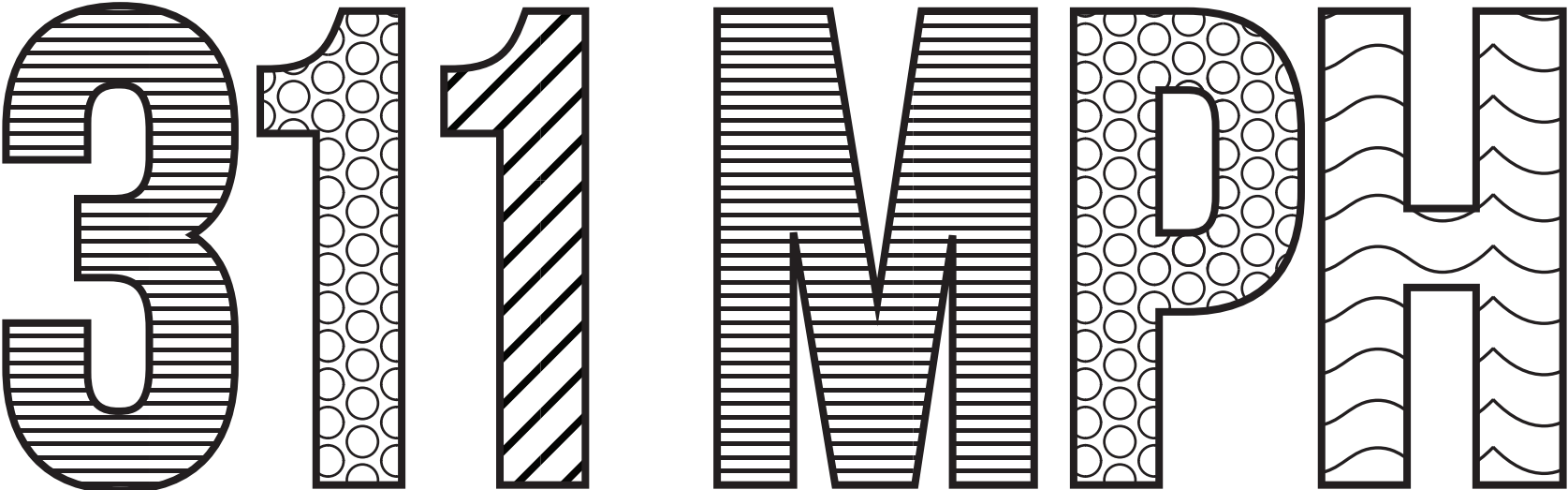
Instead of traditional train tracks, SCMAGLEV trains use powerful magnets to levitate in a unique concrete guideway. The U-shaped guideway is equipped with coil magnets that interact with the train's superconducting magnets. This interaction between the guideway coils and superconducting magnets provides propulsion, levitation, guidance, and braking – keeping the train locked in the guideway, and eliminating the possibility of derailments.

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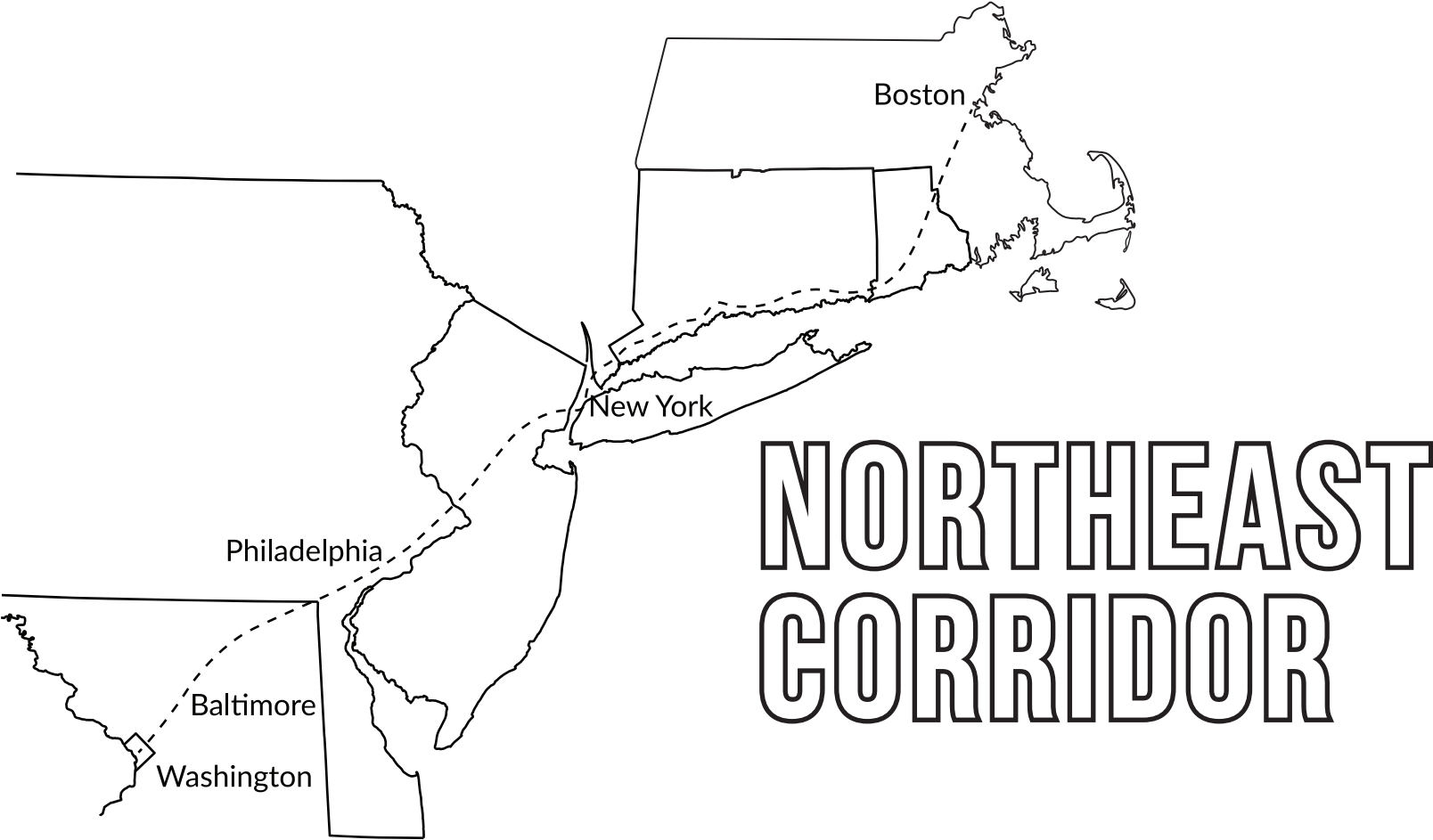
The superconducting maglev train is the fastest train in the world and holds a Guinness World Record of 374 miles per hour - and normally travels at 311 miles per hour, which is more than twice the top speed of the fastest train currently operating in the US.

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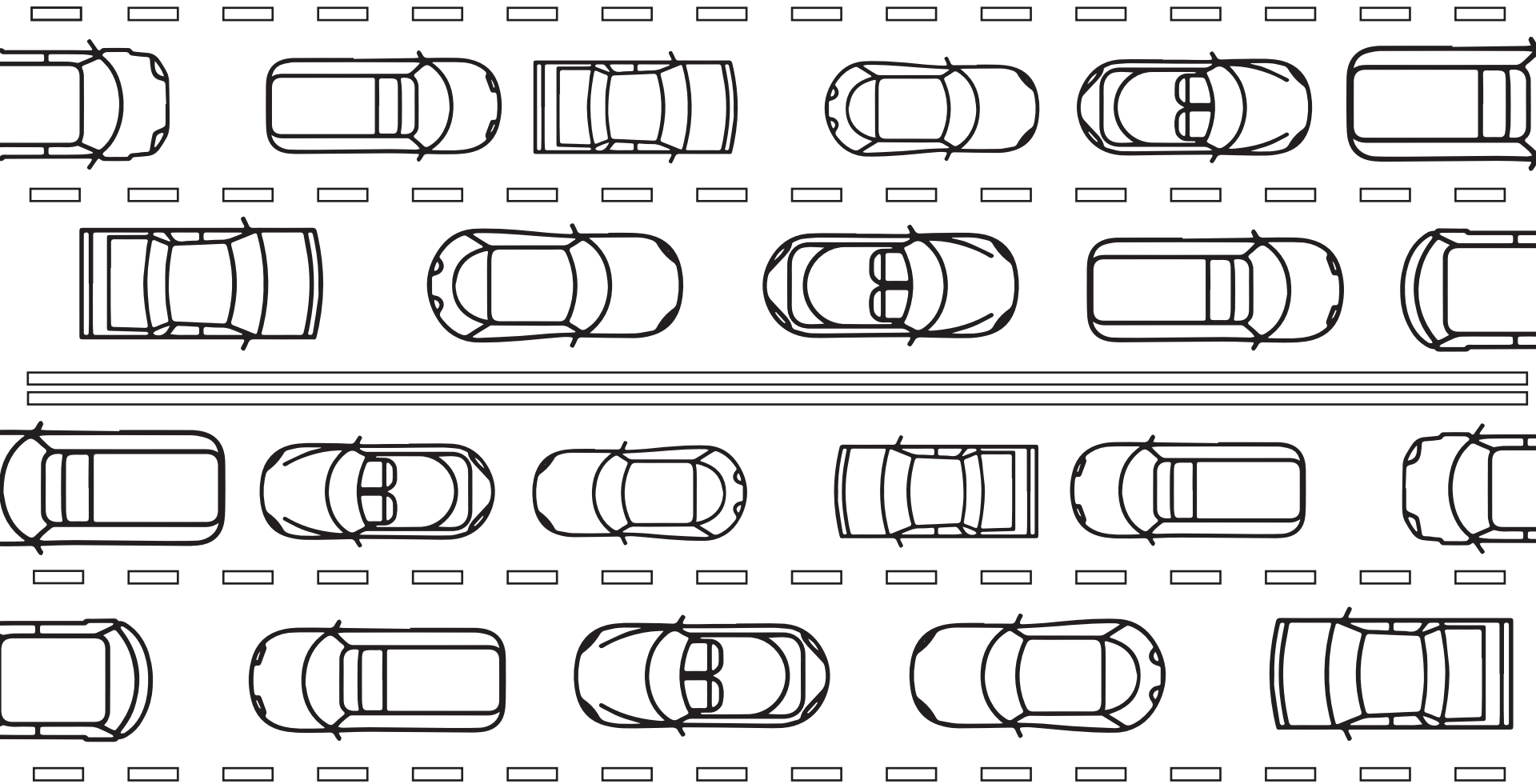
The Northeast Corridor (NEC) spans all the way from Washington, D.C. to Boston, Massachusetts, a distance of about 450 miles. Although it makes up only 2% of U.S. land, it contains 12% of all U.S. highway miles and calls itself home to 17% of the U.S. population - that's 52 million people!

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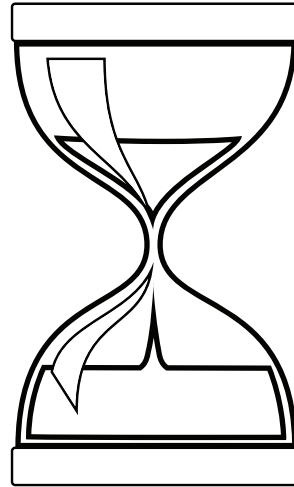
This is why the NEC is also home to 52% of the worst bottlenecks in the U.S., with D.C. and N.Y. consistently ranking in the top worst traffic areas in the country.

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But thanks to the innovative technology behind the SCMAGLEV, people will be able to travel from Washington, D.C. to New York City in an hour - a trip that normally takes at least 3.5 hours.

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# DC TO NYC IN 1 HOUR



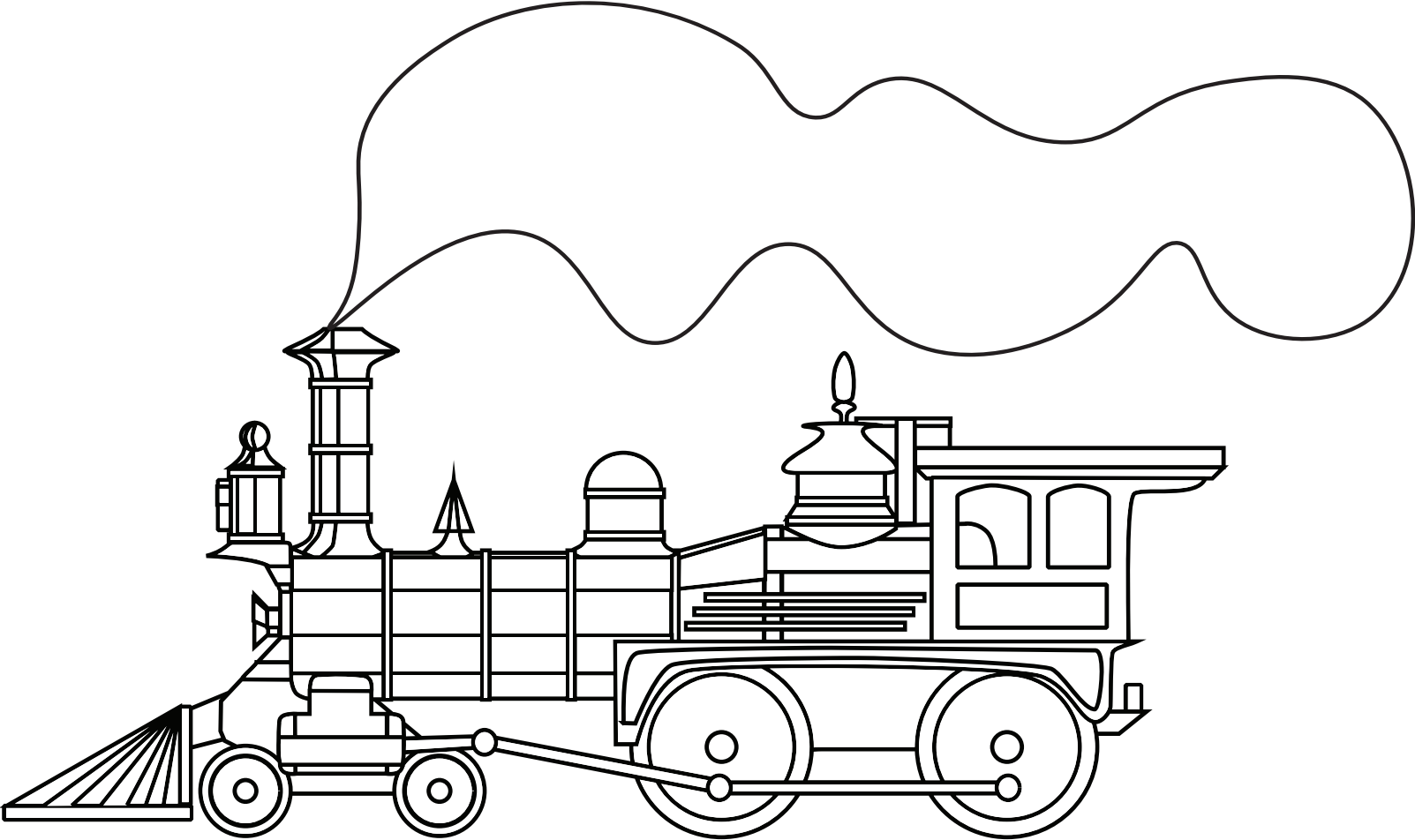
That means living in New York and working in D.C., or catching that concert at Madison Square Garden after work at your Baltimore office.

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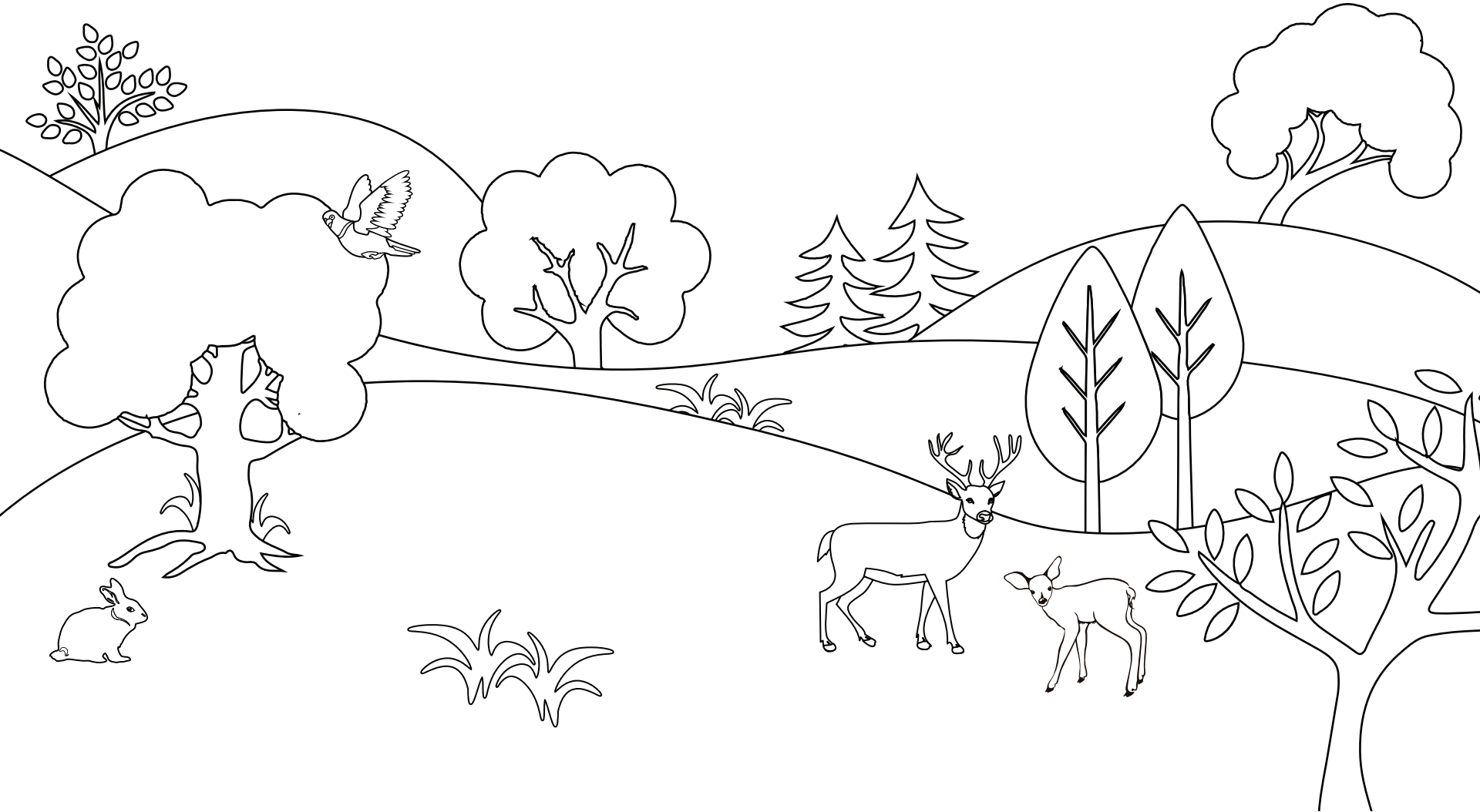
Not only would the SCMaglev cut down on travel time, but it would also cut out emissions that are harmful to the environment, such as millions of tons of greenhouse gases, Carbon Monoxide, Nitrogen Oxides, and Volatile Organic Compounds - something that we never thought possible in the past.

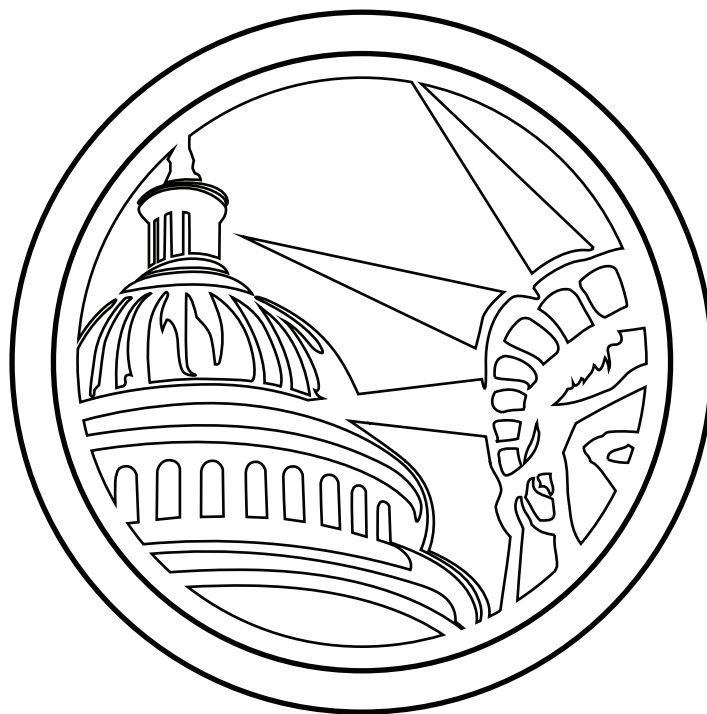
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...And that means it's better for our green friends, too.

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# NORTHEAST MAGLEV