



High Speed, Low Impact

This state-of-the-art high-speed train will connect North Texas and Houston in less than 90 minutes, using the most efficient and environmentally friendly mass transportation system in the world.

The Series N700-I Bullet is an electric “bullet train” that has been refined over a 50-year history of service in Japan to consume 1/8th less energy per seat and expend 1/12th of the carbon per passenger mile, as compared to a typical commercial jet.

With significantly lower emissions per passenger mile, this train provides an eco-friendly option for those traveling between Texas’ top two economic powerhouses. Plus, fewer cars on the road means fewer contaminants from highway runoff flowing into streams and other bodies of water.

Once constructed, this train will be the first high-speed train in the United States, setting an economic precedent for environmentally friendly mass transportation projects in the future.

AT A GLANCE

The Texas Bullet Train will help efficiently handle growth and relieve stress on the environment.

CONSIDER THIS:

- The populations of North Texas and Houston are projected to roughly double by 2035.
- Auto traffic between the two regions is expected to increase by about 100% by 2035.
- The Texas Bullet Train will provide an attractive alternative to hundreds of thousands of auto passengers every year.
- Fewer cars on the road mean less emissions and contaminants that harm air and water quality.
- In Japan, bullet trains emit just 1/12th the amount of carbon as a typical commercial jet* traveling between Tokyo and Osaka.
- This technology is entirely electric.

RESPECT FOR THE LAND, COMMUNITIES AND WILDLIFE

To minimize the impact on the surrounding communities and environment, the train will run mainly on elevated tracks and berms alongside Texas’ existing utility corridor. These design features will make it easier for builders to avoid negatively impacting streams, wetlands, floodplains and other natural and cultural features, while still allowing for the free movement of wildlife, pedestrians and vehicles.

During construction, there will be silt fences and straw bales installed to minimize runoff into any nearby bodies of water, wetlands, roads or other sensitive areas. And, at completion, the vegetation will be restored along with other erosion control measures, as needed.

CONSTRAINING NOISE POLLUTION

Through decades of applied research in Japan, this technology has evolved into one of the quietest railways in the world. It currently operates in dense urban environments in Japan—where noise pollution regulations are significantly strict, compared to other parts of the world.

Tell your elected officials that you support moving our state forward with the Texas Bullet Train’s eco-friendly technology:

texascentral.com/advocate/environmental-impact