

# Innovation Powers the Texas Train



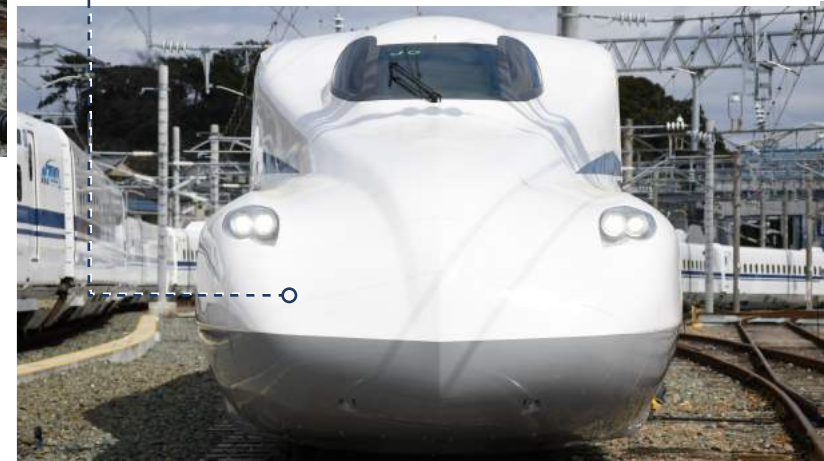
Texas Central is bringing the latest model of Shinkansen train, the N700S, to Texas. The 6th generation all-electric trainset builds on more than 50 years of continuous innovation and improvement, making it the safest most reliable and most comfortable Shinkansen train. Y'all Aboard!



The train can keep moving in the event of a power outage due to large-capacity lithium-ion batteries



The more aerodynamic nose produces less air resistance, noise, and vibration than previous models



16 train cars weigh 20 tons less than the same number of N700A cars and nearly 300 tons less than the O series (the first Shinkansen)



Technology utilizes regenerative braking to recapture spent energy and put it back into the grid



Consumes 7% less electricity, giving it the lowest energy consumption per seat of any high-speed train



Faster acceleration means this train reaches its maximum speed of 178mph in just 3 minutes

# The Future of Mobility as We Know It



The Texas high-speed train will provide “Mobility as a Service” (MaaS), integrating into a tech-enabled multimodal transportation network, putting you in charge of your journey. MaaS creates custom, integrated, on-demand mobility at your fingertips.

## Smart and customer-centric

### a shift from providers to consumers

Smart devices have created the “**me-economy**” – in which you shop, buy and travel the way you want. MaaS offers travelers **custom** mobility solutions based on your travel needs, letting **you tell providers** what you want and where you want to go.

It’s a shift from the traditional model of transportation entities dictating routes and schedules. The new wave of “customized travel” improves quality and convenience, reducing cost and travel time.

**The high-speed train is part of this transformation.** Texans will not only be able to choose the **safest transportation option in the world** when they book a seat on the high-speed train, they can start and end their trips at the **exact locations** of their choice.

## Integrated

**Combines multiple modes of transportation – the train, rideshare services, even public transportation like buses.** Mass transit, like the Texas High-Speed Train, is central to MaaS.

An integrated technology platform will let you shop, book and pay for your trip right from your phone – creating seamless journey planning. Think “freedom” and “flexibility”!

- The Texas high-speed train has a joint ticketing agreement in place that links with Amtrak’s interstate passenger network.
- The high-speed train is in ongoing discussions with Houston Metro and Dallas Area Rapid Transit to define connectivity options once the high-speed train is operational.

## Already underway

**Data proves Texans and other Americans are already leaving their cars.** We see this with the increase in adoption rates for rideshare, bikeshare, e-scooters, etc.

- According to Statista, the number of people using ride hailing services increased 10% between 2017 and 2018.
- The proportion of travelers using ride hailing to travel to and from Dallas and Houston airports doubled between 2016 and 2018 according to survey data compiled by LEK consulting.

Experts in transportation are calling Mobility as a Service the “biggest transformation since the emergence of the private motor vehicle and the end of the horse and cart era.” (LEK Consulting, 2017)