

A proposal for a privately-financed podway to transport people and goods for

# Jamshedpur, Jharkhand, India

187 km network with  
24,710 pods and 754 stops serving  
85% of population within a 5 min. walk.

**High capacity • High speed • Nonstop • 24/7  
Sustainable • Zero Wait • Door-to-door • Resilient**

158 MW solar & wind generation to power 140,790 households.



Hello.

We propose to build and operate a privately-financed public transit podway that eliminates issues with **traffic congestion, parking, pollution, and safety.**

Please watch a 6-minute presentation at [transitx.com/v](http://transitx.com/v)



A podway is a fleet of automated electric vehicles (pods) for passengers and freight on a micro-guideway providing equitable public transportation to replace cars, buses, trains, and trucks.

### Privately Financed

No government funding, subsidies, guarantees or special tax incentives are necessary. The system is very low cost so revenue from fares, freight, renewables and advertising makes it profitable.

### Equitable fares

75% of fares are capped based on the Fair Fare Formula. The price of a typical shared 19 km trip is 53.13 INR (US\$0.75) or 2.82 INR per km (US\$0.04/km).

### Jobs and Workforce Development

The project creates 4,212 local construction/manufacturing jobs. The project directly employs 14,716 workers, and creates 133,656 jobs from secondary effects. Transportation workers who get displaced are given priority. We welcome labor unions.

### Eliminates traffic congestion

Pods can travel in 6-pod trains with 1 second headway providing over 80,000 passenger seats per hour — equivalent to a 40 lane highway.

### Green and Walkable

A podway removes vehicular traffic from roads, enabling streets to transition into green and pedestrian-friendly spaces.

### Disease and Health

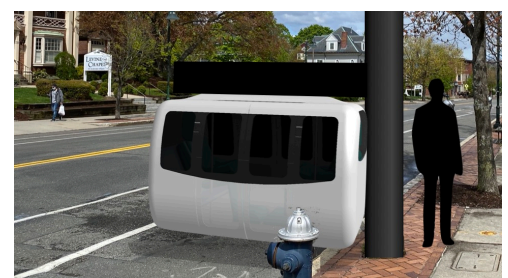
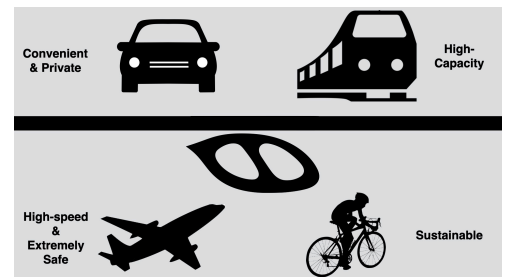
The system prevents the spread of diseases, makes healthcare facilities easily accessible, and encourages walking.

### Simplified Rights-of-Way on Utility Easements

Podways can fit anywhere because there is no dedicated footprint — pods travel alongside roadways. In the space of one parked car, a pod stop has a capacity of 2,000 passenger boardings per hour.

### Faster commutes

Pods travel non-stop at 72 kph (45 mph) on metro podways and 242 kph (150 mph) on high-speed podways — delivering the fastest



door-to-door trips of any travel mode.

**Eliminates pollution: Air, Sound, Light, Water**

Pods are quiet, efficient and have zero emissions and zero carbon. Pods offer less visual impact than the existing roads and vehicles. Pods don't have headlights and podways do not need to be lit.

**Sustainable, Efficient, and Zero Carbon**

Pods achieve over 20 times the efficiency of electric cars and are 100% powered by renewable energy. Pods achieve zero carbon by eliminating green house gas (GHG) from transportation.

**Higher Resiliency**

System continues to operate through flooding, earthquakes, dust/snow/ice, high winds, blackouts, road crashes, and heat waves. Repairing damaged podways can be done within 24 hours.

**Economic Development & Societal Benefits**

A podway has positive impacts on education, food security, healthcare access, agriculture, tourism, and reduces poverty and homelessness. The median income would increase by 267%.

**Eliminates crashes**

With 100% automation, podways eliminate human errors and impaired driving. Orders of magnitude safer than roadways, and eliminating 6,189 road-related injuries and 62 deaths annually.

**Fear, Harassment, Race, Justice, Corruption**

Podways eliminate dangers and fears from operating motor vehicles, including traffic stops, and road-rage. Border crossings can be safer and take less time and money.

**More Public Transit & Fewer Cars**

Pods provide the convenience and privacy that people value in cars, without their negative impacts. A podway combines the best features of public transit, high-speed rail and personal cars.

**Minimal Disruption from Construction**

Construction is not disruptive and takes only 12 months.

**Bonded, Guaranteed and Proven**

The project's turnkey contracts are with large, established firms. Projects are fully bonded and service levels are guaranteed. Automated small-vehicle transport (PRT) has been operating with a perfect safety record for 40 years in Morgantown, West Virginia.

**Revenue Generator**

Rights-of-way owners receive a 5% toll share on revenue which is expected to be 5,700,462,641 INR (US\$76,006,000) per year.

**Lowest Risk**

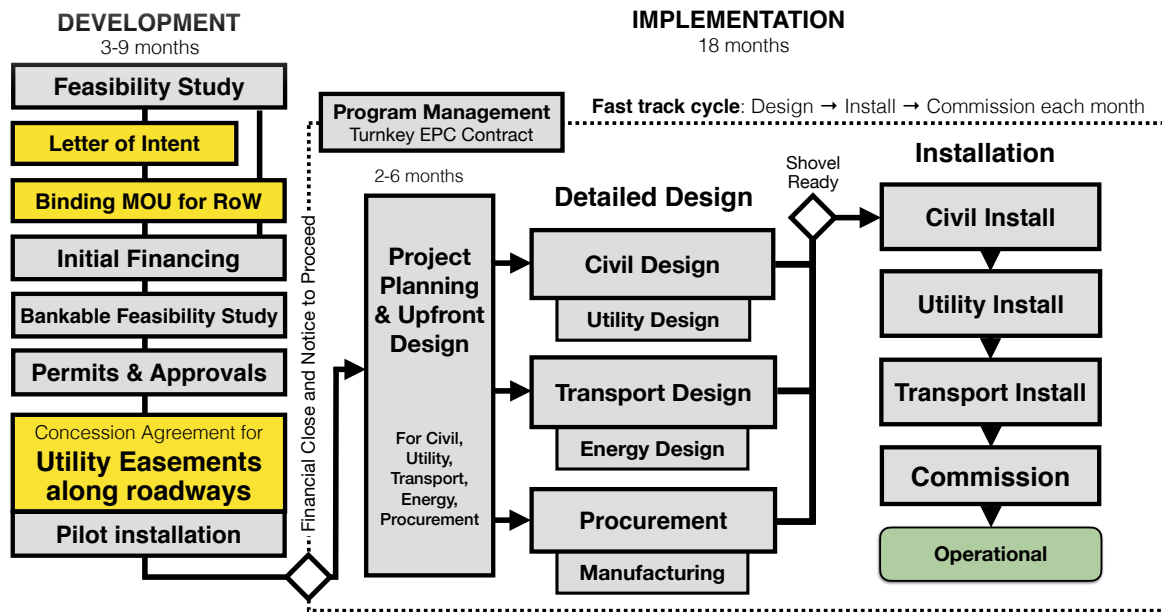
A podway provides compelling benefits with much less risk than other options.



**Move to ZERO**

- Ø Congestion
- Ø Waiting
- Ø Pollution
- Ø Crashes
- Ø Footprint
- Ø Downtime
- Ø Energy
- Ø Disruption
- Ø Crime
- Ø Illness
- Ø Distance
- Ø Weight
- Ø Excluded
- Ø Noise
- Ø Cost
- Ø Job loss
- Ø Objections
- Ø Cars
- Ø Inequity
- Ø Risk





**Financial Viability**

The project cost is US\$853,110,000 (63,983,221,902 INR) (\$1,766 per customer, \$4.6M per km) and expected 1,449,116 trips per day (72% mode share) after 4 years with breakeven at 22% (316,802 trips per day). The Cash-Flow-to-Debt Ratio is 142%. We project a 2.9 year payback period, gross margin of 72%, and 56% Equity IRR at year 5. These numbers make the project financially attractive for private investment.

**Next Steps**

To move forward, we need a binding Memorandum of Understanding for utility easements along roadways. Example letters and agreements at: [transitx.com/process](http://transitx.com/process)

For more information — including presentations, other proposals, and videos — visit [transitx.com/India](http://transitx.com/India)

The Podway Handbook answers many questions about our service, the company, the system, and the way we address: congestion, parking, road safety, pedestrian safety, accessibility, sustainability, fares, renewable energy & storage, construction, aesthetics, operations, economic development, quality of service, security, station footprint, equitability, carbon footprint, transit integration, resiliency, reliability, rights-of-way, and open space.

A 100+ page feasibility study is available under a non-disclosure agreement. Contact us at [hello@transitx.com](mailto:hello@transitx.com). We look forward to answering your questions and moving forward on a project.

Sincerely,



Green  
Quiet  
Safe

