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

Southeast High Speed Corridor

617 mile high-speed network with
7,961 pods and 335 stops serving
75% of the region with convenient access.

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

324.88 MW solar & wind generation to power 48,880 households
GHG reduction of 475,037 tCO2e per year (1.4B car-miles)

Southeast High Speed Corridor

We propose to build and operate an automated, sustainable podway transport network that is fast, dependable, resilient, and equitable.

A podway is a fleet of solar-powered small automated electric vehicles (pods) carrying goods and passengers on a podway. A podway provides transport with the speed, cost, capacity, and convenience to supplant trucks, trains, and planes.

High Capacity

A single podway can carry over 21,000 metric tons per hour — similar to the capacity of 1,000 tractor-trailers per hour.

Fast

Pods travel non-stop at 242 kph (150 mph) along highways and 72 kph (45 mph) along roadways. Total trip time via podway is 5-6 times faster than trucks, and 3-4 times faster than trains.

Low Cost & Predictable Cost

Low operational costs and low capital costs enable low tariffs and profitable operation. The majority of tariffs are determined by a formula that assures equitable and predictable rates — much less than trucks. No government funding, subsidies, guarantees or special tax incentives are needed to make projects financially viable.

75% of fares are capped based on the Fair Fare Formula and calculated from weight, volume, distance, timing, and other inputs.

Delivery to the Dock or Door

Freight — including pallets, parcels, liquids, and bulk — is delivered directly to businesses and residences without use of trucks.
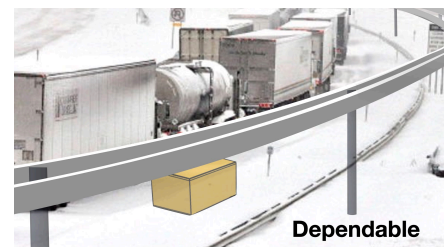
Dependable

Automated pods travel on an exclusive covered guideway — eliminating delays from congestion and weather. Delivery times can be guaranteed to the second.

Less Damage and Waste

Podways are fully automated and provide similar safety levels as commercial aircraft — several orders of magnitude safer than roadways. Smooth ride quality is guaranteed and can reduce the amount of packaging. Reduced handling and transfers reduce potential for damage.

Secure

Pods travel non-stop and are physically inaccessible which reduces theft and improves security. Pods can be tracked and monitored in real-time and provide chain of custody guarantees. Podway transport eliminates most risks and delays from operating motor vehicles, including traffic stops and impaired driving. Border crossings can be safer and take less time and money.

Ideal Characteristics

High Quality
High Capacity
Low Cost

High Capacity

Fast

Direct

Dependable

Environmental controls

Pods can be individually controlled and monitored to achieve required temperature, ventilation, and humidity levels.

Sustainable & Efficient

Podways are quiet, pollution-free, all-electric, and 100% powered by renewable energy. Solar and storage is integrated into the podway. Pods are more than twice as efficient as trucks. Organic waste, packaging and empty pods are returned for reuse. The project will significantly reduce green house gas (GHG) emissions from transportation.

Compatible

A podway requires no dedicated footprint — pods travel along roads within utility easement rights-of-way. Two landing pads fit within a car parking space. Pods and podways easily integrate with existing systems including roads, trucks, railways, seaports, airports, loading docks, forklifts, pallets, carts, and warehouses. Podways also carry passengers to provide convenient transportation for workers, suppliers, and visitors.

Dependable and Resilient

Shipments continue through flooding, pandemics, earthquakes, dust/snow/ice, high winds, blackouts, and heat waves.

Economic Development & Societal Benefits

A podway has positive impacts on education, agriculture, food security, affordable housing, clean water, trade, crime, healthcare, and tourism. The median income would increase by 41%.

Minimal Disruption from Construction

Construction is not disruptive and takes 12 months to begin service.

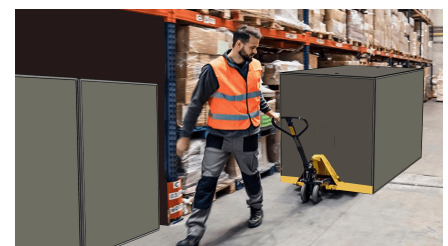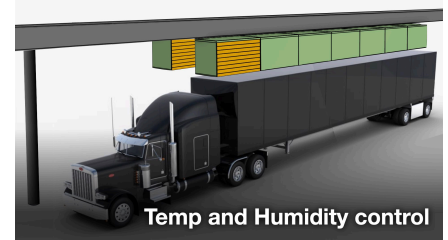### Bonded, Guaranteed, Proven and Low Risk

The project's turnkey contracts are with large, established engineering and construction firms. Projects are fully bonded and service levels are guaranteed. Our partners have built and operated fully automated transit systems, and the core concept is similar to systems that have been operating safely for 40 years. Podway transport provides compelling benefits with much less risk than other options.
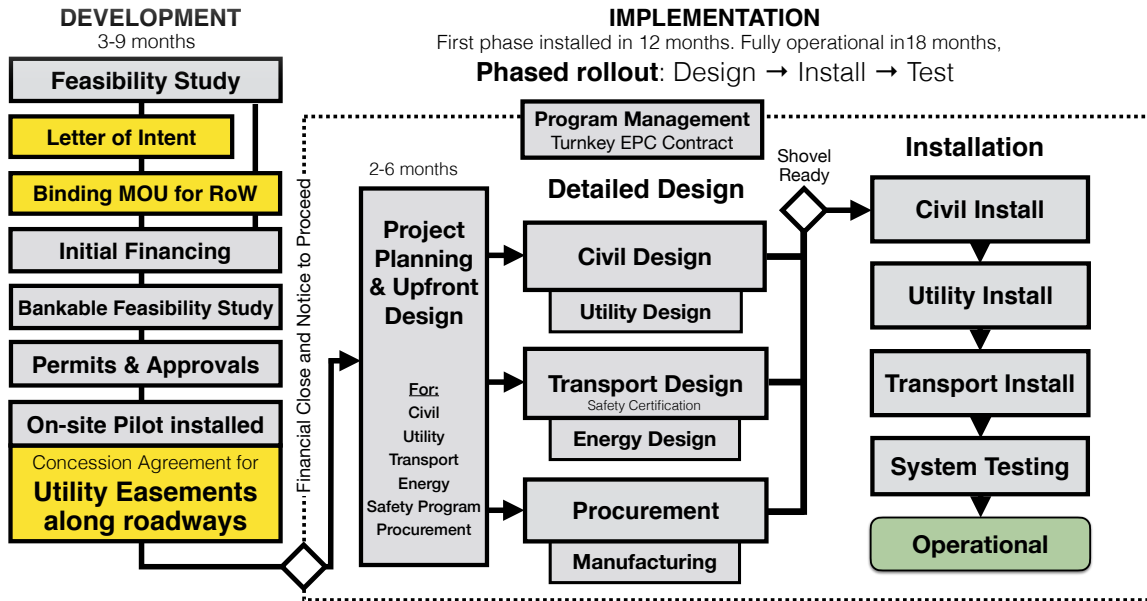
Revenue Generator

Rights-of-way owners receive a 5% toll share on revenue which is ex

Jobs and Workforce Development

The project will create 4,014 local construction/manufacturing jobs, d from secondary effects. Transportation workers who get displaced ar

DEVELOPMENT
3-9 months

- **Feasibility Study**
- **Letter of Intent**
- **Binding MOU for RoW**
- **Initial Financing**
- **Bankable Feasibility Study**
- **Permits & Approvals**
- **On-site Pilot installed**
- Concession Agreement for **Utility Easements along roadways**

← Financial Close and Notice to Proceed

IMPLEMENTATION
First phase installed in 12 months. Fully operational in 18 months,
Phased rollout: Design → Install → Test

Program Management
Turnkey EPC Contract

2-6 months

Project Planning & Upfront Design

For:
Civil
Utility
Transport
Energy
Safety Program
Procurement

Detailed Design

- **Civil Design**
  - **Utility Design**
- **Transport Design**
  - Safety Certification
  - **Energy Design**
- **Procurement**
  - **Manufacturing**

Shovel Ready

Installation

- **Civil Install**
- **Utility Install**
- **Transport Install**
- **System Testing**
- **Operational**

Financial Viability

The project cost is $10.8B ($53.1K per customer, $10.8M per km) and
4 years with breakeven at 29% of expected trips (178,368 trips per da[...]
3.5 year payback period, gross margin of 71%, and 47% project IRR.[...]
for private investment.

Safe
Quiet
Green
Walkable

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

More information including presentations, documents, and links to
related proposals at transitx.com/USA.

A 110+ page feasibility study is available under a non-disclosure
agreement. Send request to hello@transitx.com. Our feasibility study
answers many questions about the project, the company, the
system, and detailed analysis of capacity, 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.

We look forward to answering your questions and moving forward on
a project.

Si[...]

Solar Podway Project Feasibility Study

For lenders and equity investors to conduct due diligence and analyze
business, financial, and technical feasibility of a podway project.

Request from hello@transitx.com