

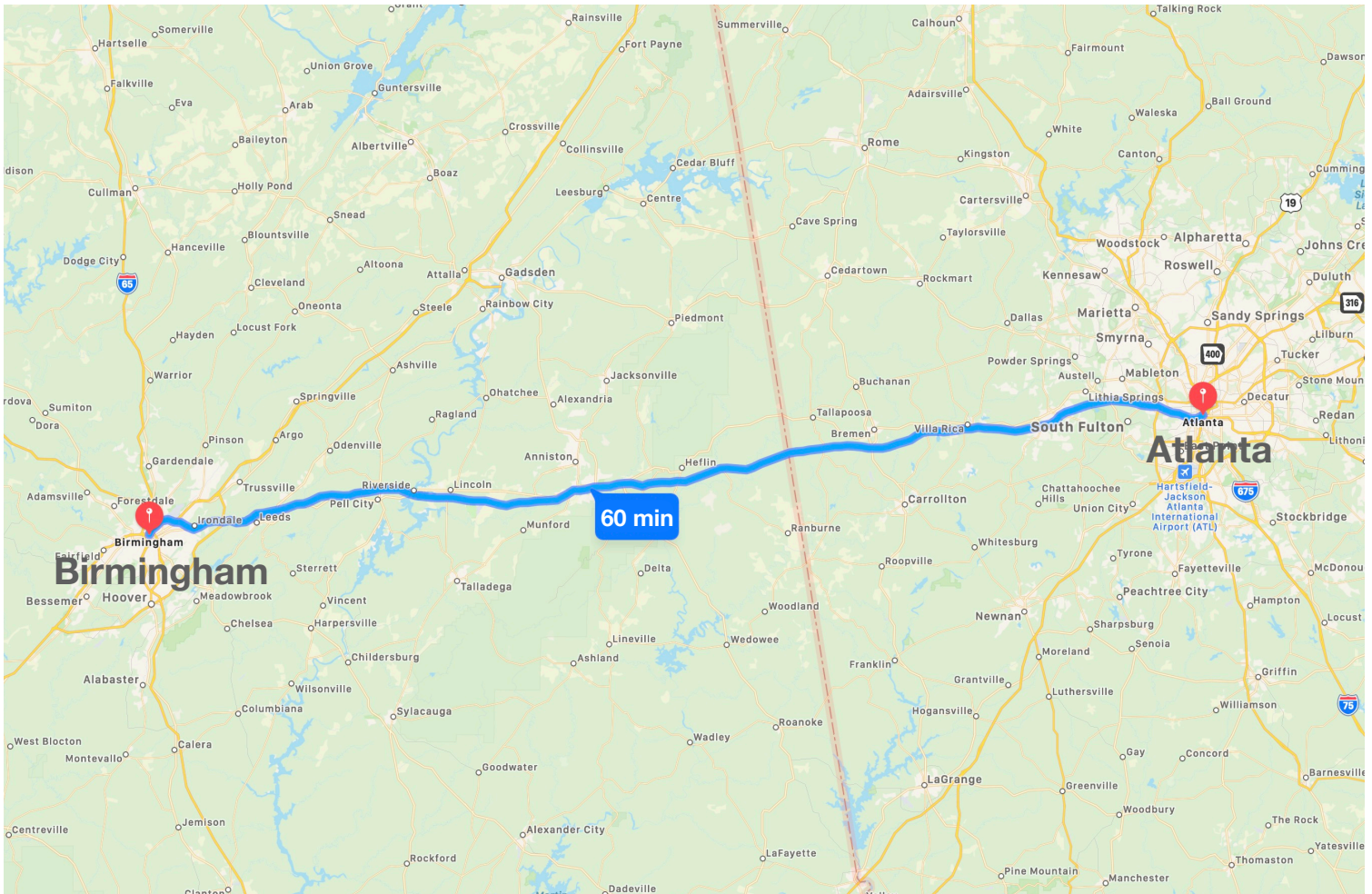
A proposal for a privately-financed solar podway to transport people and goods for

## Birmingham to Atlanta

148 mile high-speed network with 3,493 pods and 81 stops serving 30% of the region with convenient access.

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

172.66 MW solar & wind generation to power 11,290 households  
GHG reduction of 208,460 tCO<sub>2</sub>e per year (595.6M car-miles)



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 replace 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**

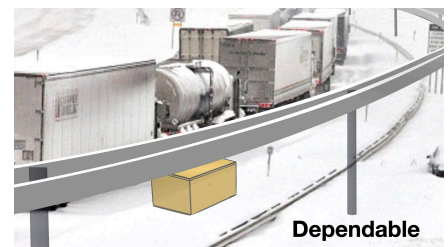
Automated pods travel on an exclusive covered guideway — eliminating delays from congestion and weather. Delivery times can be guaranteed to the second.

**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.



### 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 395%.

### Minimal Disruption from Construction

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

### Bonded, Guaranteed, Proven and Low Risk

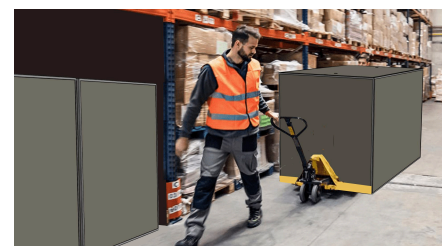
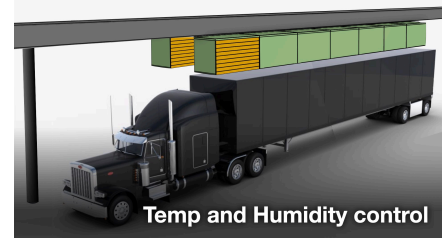
The project's turnkey contracts are with large, established engineering and construction firms. Projects are fully bonded and service levels are guaranteed. Our partners have built and operated fully automated transit systems, and the core concept is similar to systems that have been operating safely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

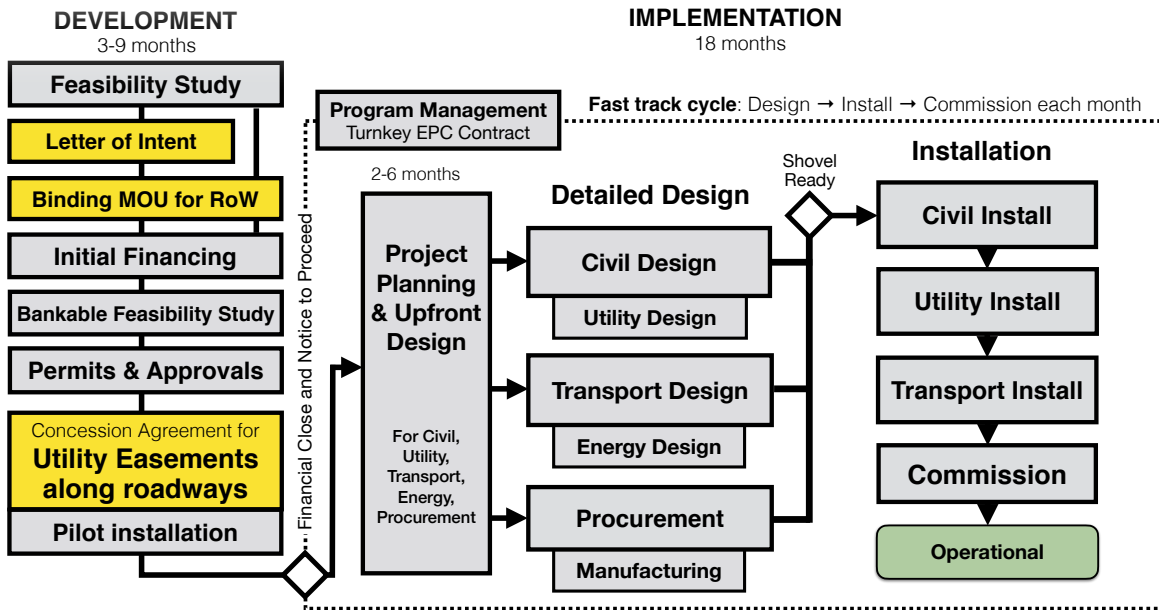
### Revenue Generator

Rights-of-way owners receive a 5% toll share on revenue which is expected to be \$146.5M per year.

### Jobs and Workforce Development

The project will create 358 local construction/manufacturing jobs, directly employ 2,052 workers, and create 7,080 jobs from secondary effects. Transportation workers who get displaced are given priority.





**Financial Viability**

The project cost is \$954.8M (\$100.1K per customer, \$4.0M per km) and expected 28,606 trips per day (10% mode share) after 4 years with breakeven at 17% (4,921 trips per day). The Cash-Flow-to-Debt Ratio is 253%. We project a 2.4 year payback period, gross margin of 73%, and 99% project IRR. 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)

More information including presentations, documents, and links to related proposals at [transitx.com/GA](http://transitx.com/GA).

A 110+ page feasibility study is available under a non-disclosure agreement. Send request to [hello@transitx.com](mailto: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.

Sincerely,

