



Transit X presents a preliminary proposal for a sustainable micro-rail network a fleet of automated electric vehicles (pods) for passengers and freight on a local and regional podway providing equitable public transportation for

Athens, GA

This proposal is downloadable at transitx.com/proposals/Transit X for Athens,GA.pdf

High capacity · High speed · Nonstop · 24/7 Solar powered · Zero Wait · Door-to-door · Resilient

A 24-page companion Transit X Handbook is available at transitx.com/transitxhandbook.pdf

99 mile network with 3,093 pods

95% of population within a 5 min. walk

Nonstop 45 mph service to 650 stops



Transit X proposes to build and operate a sustainable micro-rail podway to carry passengers and freight for Athens that makes the Transit X service convenient to 95% of the population.

Transit X efficiently services both suburbs and cities and provides for a higher quality of life. See transitx.com for more details. This 3-minute video (transitx.com/ video) describes our innovative solution.

Major benefits

- · Reduce congestion
- · Provide parking relief
- Reduce pollution
- · Improve safety

The Transit X Handbook (<u>transitx.com/</u> <u>transitxhandbook.pdf</u>) answers many questions about our service, the company, our technology, and the way we address: congestion, parking, road safety, pedestrian safety, ADA compliance, sustainability, fares,



solar+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.

Congestion, parking, pollution, and safety

Most regions suffer from traffic congestion, limited parking, air pollution, and unsafe roads. Potential solutions are costly, but Transit X can solve these challenges without public funding. Transit X can integrate into the built environment, providing both short term relief and a long term solution.

High Capacity

A single track carries 12,000 pods per hour (20,000 to 50,000 passengers per hour). Two boarding areas fit in a single car space and provide 2,000 boardings per hour.

Zero Footprint and Minimal Disruption

Transit X features stops that don't interfere with pedestrians or other forms of transportation. We use easements alongside highway and roads and integrate utility lines and poles Non-stop interchanges fit above existing intersections. Factory-built tracks and posts enable fast installation with minimal disruption. There are options for long crossings using bridges or underground tunnels. Posts are typically spaced at 23 m (25 yds).

Low-cost Infrastructure & equitable fares

Transit X does not require government funding because our revenue from fares, freight, and advertising is greater than our costs. We have reduced or eliminated many costs of transportation including the cost of materials, land, construction, fuel,

debt service, and labor. Our projects are typically financed by investment banks, private equity firms, banks, and governments.

Proven technology

Our team and partners have built fully automated systems that are now in operation around the world. Transit X may look unique, but the underlying design is very similar to systems that have been operating for 40 years with an exemplary safety record. The rollout and maiden flight occurred on Oct 29, 2018 in Leominster, Massachusetts. The first Transit X system will be demonstrated by the end of 2019.

Service Quality

Transit X provides on-demand, last-mile service that is superior to cars or buses. An operating agreement will guarantee high levels of availability and reliability. Our use of small vehicles (pods) makes this possible. By reducing car use, Transit X creates walkable and bike-friendly neighborhoods.

Less pollution: Air, Sound, Light, Visual, Water

Transit X offers a much higher quality of life by eliminating many forms of pollution. Pods are quiet, efficient and have zero emissions. Pods offer less visual impact than the existing roads and vehicles, and utility lines can be hidden within the track. At night, there is no light pollution from headlights or taillights. Water pollution from road runoff is significantly reduced. Parking lots and roadways can be converted into green space and community paths as they become unnecessary.

Sustainable and Efficient

Pods weigh only 45 kg (100 lbs) and achieve over 20 times the efficiency of electric cars. Solar, wind, and storage installed on our tracks and posts can provide 100% of the clean energy needed to power the system.

More Transit & Fewer Cars

Transit X provides the convenience and privacy that people value in cars, yet without the negative impacts of personal cars. Transit X combines the best of mass transit and personal transportation modes which will lead to greater use of public transit and fewer cars.

De-risking Projects

Transit X partners with large, established firms to provide fixed-price contracts for the engineering, certification, construction, and operations of a Transit X system. Theses partnerships enable Transit X to de-risk all of the major elements of the project, and provide performance guarantees. We work with local construction firms.

Jobs and Workforce Development

Many regional jobs will be created to build a new transportation infrastructure, as well many new types of jobs will be created from economic growth. The majority of the construction jobs will be locally sourced and preferential hiring is given to those displaced by the transition.

Revenue Generator for Government

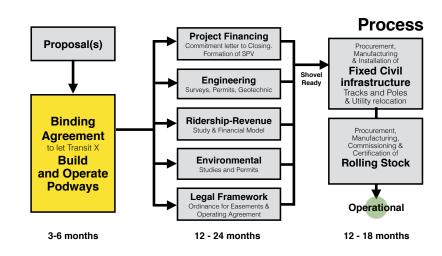
Not only does Transit X not require public financing, but the government and private easement owners receive 4-5% of gross revenue, which would be US\$19 million per year average over the first 10 years.

Short and Long Term Solution

A project could be operational within 24 months from the start of a project. Transit X offers a rapidly-deployable solution that provides long term benefits. We would form a local company to build, operate, and maintain the network. At least 75% of the profits would be invested back into the region.

Moving Forward

The diagram shows our process for a project. We submit a project proposal, then ask for a commitment for Transit X to build and operate a podway along rights-of-way easements. Example documents and a sample project schedule can be viewed at: transitx.com/process



Evaluation

Please review our

preliminary proposal, and then ask us any questions. We would be happy to provide further information, address specific concerns, or meet with specific people or groups. Any routes or coverage areas shown on the map are only preliminary suggestions and actual routes would be determined based on needs, rights-of-ways, utility corridors, location of trees, and many other factors.

We expect this proposal to be reviewed by one or more committees or working groups. Familiar transportation options, such as buses, light rail, subways, and ridesharing services (including autonomous vehicles) may have already been considered. Very few options offer the convenience of cars with at least the capacity of buses, and most, if not all, require public funding and subsidies.

Private cars have a dominant mode share because people like the privacy and convenience of a car — despite the significant risks and negative impact associated with them. People won't give up their cars unless the alternative is both better and cheaper. That is what Transit X can provide.

We hope you agree that this proposal offers a way to address your challenges in both the short and long term, providing an option that is better and lower risk than any alternative — including continuing with the status quo.

We hope you will conclude that moving forward with Transit X is an excellent opportunity to meet your current and future challenges.

Once we agree to move forward, we look to receive a commitment for Transit X to build and operate a podway along rights-of-way easements.

A podway network is rolled out in phases that each take less than 24 months.

Other Resources

The links below provide general information about Transit X:

- One minute video overview (transitx.com/video)
- Transit X Handbook (transitx.com/transitxhandbook.pdf)
- · Letters of Project Financing, Due Diligence, Contracts (transitx.com/letters.pdf)
- Memorandum of Understanding template (transitx.com/process/mou.html)
- Example Right-of-Way agreement (transitx.com/process/resolution.html)
- · Operating Agreement (transitx.com/process/operating_agreement.html)
- · General Q & A (transitx.com/QandA.html)
- Other proposals (transitx.com/proposals)

Addendum

The remaining pages of this proposal provide project-specific details:

- Project Overview and Impact pages 6 and 7
- Taxes and Fees pages 8 and 9
- Fares page 10 and 11
- Financial Project Summary with Pro Forma pages 12 and 13

We look forward to working with you to improve the quality of life for Athens through better transportation.

Sincerely,



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Project Overview



11 d				
1	Transit X network length	160	km	99.2 miles
2	People (resident-equivalent) in region	125,691	resident-equivaler	t population
3	Route density ratio (route length to service area)	1.16		
4	Number of stops	650		
5	Triple-speed route length	0	km	
5	Water crossing route length	0	km	
7	Cost of fixed infrastructure	\$579,080,158		
3	per person	\$4,607		
9	Mode share of travel on Transit X (27% after first year)	81%	after 10 years	
0	Distance traveled by passengers on Transit X, per year	710,468,378	km	441,284,707 miles
1	per day	1,946,489	km	1,208,999 miles
2	Daily potential energy generation with standard panels on tracks	1,226.2	MWh	
3	Sustainable energy use per day	13.2	MWh	1.0% of max capacit
4	Energy storage capital cost for 1 day(s) of supply at \$250 per kWh	\$3,299,413		
5	Size (rated power) of solar installation	3,068	KW	
6	Cost to generate sustainable energy (at \$1,000 per kW)	\$3,068,244		
7	Cost of buying sustainable energy at \$0.15 per kWh	\$1,980	per day	2% of OPEX
8	Daily passengers riding Transit X	101,495	customers	81% of the pop.
9	Distance per passenger per day	19	km	11.9 miles
0	Average distance per trip (assuming 3 trips per day)	6	km	4.0 miles
1	Single passenger fare for shared 6 km trip	\$1.61		
2	Passenger distance traveled during peak hour	389,298	km	241,800 miles
3	Breakeven	42,891	customers per day	 (42% of expected and 36° ent to Transit X)
24	Boarding capacity			our (231% of customers)
.5	Number of pods for peak demand	3.093	pods at 81%	mode share
6	Number of customers per pod		and 41 people p	
7	Distance per pod per year	168,203		o. pou
8	Two-layer pod garage area (3% of route with side-parking)	3,402		0.2% of car parking
9	Cost of pods	\$20,104,500	is \$123 per pers	on
0	Capital cost of energy generation and storage		is \$66 per perso	
	oject Finances			
2	Total Project Cost	\$607,462,612		
3	Project cost	\$3,804,770	ner km	US\$6.1M per mi.
4	Equity financing	\$3,804,770		
5	Debt financing	\$425,223,829		
6		ψ-τ23,223,029		
7				
8				
9	Debt service (per year)	\$72,288,051		
		\$23,285,959		
0	Yearly fees and taxes (US\$185 per capita)	<i>Q_0,_000,000</i>		
1	Yearly fees and faxes (US\$185 per capita)	\$125,947,140		
1	Yearly fees and faxes (US\$185 per capita) OPEX + Debt service + Tax + Fees	\$125,947,140		
1 2 3	OPEX + Debt service + Tax + Fees			
1 2 3 4	OPEX + Debt service + Tax + Fees Project costs — per person	\$125,947,140 \$4,833		
1 2 3 4 5	OPEX + Debt service + Tax + Fees Project costs — per person Number of motor vehicles displaced	\$125,947,140 \$4,833 71,047	motor vehicles	
11 12 13 14 15	OPEX + Debt service + Tax + Fees Project costs — per person Number of motor vehicles displaced Yearly cost of cars displaced — per person	\$125,947,140 \$4,833 71,047 \$5,087	motor vehicles	
41 42 44 45 46	OPEX + Debt Service + Tax + Fees Project costs — per person Number of motor vehicles displaced Yearly cost of cars displaced — per person Operating costs per passenger-km	\$125,947,140 \$4,833 71,047 \$5,087 \$0.04	motor vehicles	
40 41 42 43 44 45 46 46 47	OPEX + Debt service + Tax + Fees Project costs — per person Number of motor vehicles displaced Yearly cost of cars displaced — per person	\$125,947,140 \$4,833 71,047 \$5,087	motor vehicles	510,912 miles

Project Overview p. 2



Impact of proposed network

1	Reduction in GHG emissions (metric tons CO2-eq)
2	Estimated cost to maintain public roadways
3	Reduced waste products
4	Travel time saved (non-stop travel and congestion)
5	Cost savings from reduced car ownership
6	Increase in household income (from time savings and car costs)
7	Reported injuries avoided
8	Lives saved (from safety)
9	Land freed from parking (404 acres)
12	Temperature reduction (from heat island effect & GHG reductions)
11	Health care savings (from pollution, injuries)

Model Inputs

15	Ratio of road length to track length	4		
16	Walking speed	4.9	km/h	3 mph
17	Width of convenient swath along track	0.82		1 mile
18	Fixed cost per km (track & posts)	\$2,790,000		
19	Water crossing: additional cost per km	\$8,370,000		
20	Triple-speed: additional cost per km	\$5,580,000		
21	Rate factor for water crossings or high-speed links.	2.2		
00	Average distance traveled per person per year	10,000	lune	
22	(for trips under 1600 km)	10,000	кт	6,211 miles
23	Average distance per day per person		km	
24	Mode share % of people convenient to Transit X		at 5 min walk.	
25	Percentage of daily demand during peak hour	20%		
26	Maximum capacity per track	23,598		
27	Average dwell time during peak hour		seconds	
28	% of pods traveling on route with highest demand	18%		
29	Average speed of pod		km/h	45 mph
30	Average # of trips for a daily customer		per day	
31	Average passengers per pod during peak hours	2.2	passengers	
32	Average passengers per pod		passengers	
	Average discount per passenger	18%		
33	Maximum passengers per pod		passengers	
34	Empty pods: Percentage non-revenue	25%		
35	Ex-Factory cost per pod	\$5,000		
36	Worldwide Median Income per Household (US\$)	10,000		
37	Average number of residents per household	2.3		
38	Base fare per km	\$0.42		
39	(per mile)	\$0.68		
40	O&M as % of project cost	5%		
41	Percentage debt financed	70%		
42	Length of loan/debt		years	
43	Interest rate for debt	7%		
44	kg CO2 emissions per liter of gasoline	2.37		
45	Monetary value of 1 hour personal time (USD)	\$13.75		
46	Eat. roadway maintenance per year per km	\$51,000		0.47.4
47	Area of one parking lot space		m ²	247 sf
48	Commercial income of land (annual)		per m ²	
49	Distance from roadway that is convenient	0.25	кт	
50	Stops per km	4.0	u u la	
51	Boarding capacity per stop	2.0	pph	
52	Solar panel area per meter of track		nor W/h	
53	Cost of sustainable energy and storage		per kWh	
54	Global Horizontal Irradiance (GHI) Cost to generate sustainable energy		kWh/m²/day per kW	
55	Storage per column		kWh	
56	Typical span	23		44
57	Energy storage cost		per kWh	. 7
58	Energy storage capacity		days	
59 60	Area of parked pod	2.20		
60	Distance discount at max distance	40%		
61	Max distance discount	40 % 500	km	
62	Max usage discount at 10,000 km per capita	50%		
63	Shared Pod Discount	20%		
65	Shared Pod Compartment Discount	40%		
66	Mode share starting discount	67%		
00		0, /0		

70,159	MTCO2-eq annually
\$28,284,704	annually
11,385	metric tons annually
340	hrs/person annually
\$1,404	per person annually
11%	
440	annually
4	annually
1,634,077	m ²
0.5 to 2	°C
High	

Model Inputs (continued)

68	Name of region or project	Athens, GA
69	Currency name	
70	Equal to US\$1	1
71	Sustainable energy/electricity generation & storage as	CAPEX
72	Land area of region (sq. km)	305
73	Number of residents in region	125,691
74	% travel within region	70%
75	% of land area served by roads	45%
76	Coverage: % of pop. convenient (5 min walk) to Transit X	95%
77	Annual median household income (US\$)	\$55,000
78	Convenient walk time to stop (min)	5
79	Triple-speed route length (km)	0
80	Water crossing route length (km)	0.0
31	Visitors per year	0
32	Average length of visit (days)	2
33	Solar production ratio	1.57
84	Regional Fare Factor	1.0
85	EPC costs & contingency	30%
86	Triple-speed (km/h)	242
87	Daily Passengers Adjustment	100%
38	Number of Stops Adjustment	100%
39	Mode Share Adjustment	100%

Pod & Car

		Pod	Car
87	Service life (years)	20	12
88	Full cost of vehicle per year	\$200	\$9,000
89	Public cost to maintain infrastructure (per km)	\$0	\$100,000
90	Energy consumption (MPGe)	3564	24
91	Energy consumption (liters/100km)	0.07	9.8
92	Energy consumption (Watt-hours/km)	9	1375
93	mass of CO2 per vehicle per km (kg)	0	0.09875
94	Vehicle mass (kg)	45	1950
95	Average speed of urban travel (km/h)	72	16
96	Typical travel time (in minutes) for 6 km trip	5	24
97	Fare/cost per km	\$0.42	\$0.62
98	Number of deaths per 100M passenger-km	0.00001	1
99	Number of injuries per 100M passenger-km	0.0006	62
100	Volume to park (cubic meters)	5.7	70.9



Taxes and Fees

5% of gross revenue is paid for air rights and local taxes.

A minimum payment is based on the Footprint and the Transit X Commercial Rate (TXCR).

1	Air-rights and Local Taxes	(for ca	alculating minimums)
2	Total commercial land (estimated)	13,725,000 m ²	3,392 acres
3	Total commercial gov't revenue (US\$)	\$15,097,500	
4	TXCR (Transit X Commercial Rate)	\$1.10 per m (estim	
5	TXCR is the yearly tax rate per land area. Calculation: total land area of commercial properties in the governmental region, divided by all the governmental income generated by those properties. The TXCR is used to calculate the minimum tax/fee.	\$11.84 per s (estin	f nated)
6			
7	Private Easement Fees	For example	
		r or example	
8	4% of gross revenue	\$29.17 per rol	ute-meter \$8.90 per route-foot
		•	•
8	4% of gross revenue	\$29.17 per rou \$1.63 per rou	
8 9	4% of gross revenue Minimum per year	\$29.17 per rou \$1.63 per rou	ute-meter \$0.50 per route-foot
8 9 10	4% of gross revenue Minimum per year Transit X payment to Gover	\$29.17 per rou \$1.63 per rou rnment	ute-meter \$0.50 per route-foot

\$261,014 per year

14 15

¹⁶ Other financial benefits to Government

with a minimum of

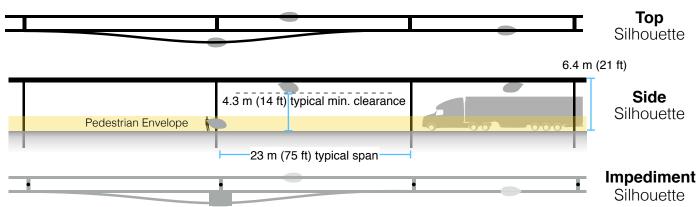
17 Less road maintenance from lower VMT

¹⁸ Public land made available from less parking and lanes

19 Reduced emergency and police services for road-related incidents

²⁰ Less investment needed in road-based infrastructure (charging stations, signals, BRT, etc)

Footprint calculations for minimum fee



Pod landing area: 1.5m x 2.5m with 3m minimum spacing

1	Footprint Calculations	Metric	Imperia	I
2	Track width	<u>0.30</u> m	11.8	inches
3	Track height	<u>0.60</u> m	23.6	inches
4	Post diameter	<u>0.3</u> m	11.8	inches
5	Post cross section	<u>0.07</u> m ²	0.8	sf
6	Stop landing area	<u>3.75</u> m ²	40.4	- sf
7	width	<u>1.5</u> m		inches
8	length	<u>2.5</u> m	98.4	inches
9	Ramp length	<u>21</u> m	68.9	feet
10	Typical Span	<u>23</u> m		feet
11	Number of posts per unit length	<u>43.5</u> poles	per km 70.0	poles per mile
12	Post height	<u>6</u> m	19.7	feet
13				
14	Single track	1022.1 m ²	10998	sf
15	Area of Side Silhouette	678.3 m ²	7298	sf
16	Area of Top Silhouette	313.1 m ²	3369	sf
17	Impediment Area (adjusted)	30.7 m ²	331	sf
18				
19	Dual track	1322.1 m ²	14226	i sf
20	Area of Side Silhouette	678.3 m ²	7298	
21	Area of Top Silhouette	613.1 m ²	6597	
22	Impediment Area (adjusted)	30.7 m ²	331	sf
23				
24	Stop	82.1 m ²	883	sf
25	Area of Side Silhouette	25.2 m ²	271	
26	Area of Top Silhouette	19.4 m ²	208	sf
27	Impediment Area (adjusted)	37.5 m ²	404	sf
28			10	51
29	Stops with dedicated landing areas	2 stops	perkm 3.2	stops per mile
30	% of dual track	100%	per kill 5.2	
31		10070		
32	Average area per unit length	1,486 m² per	route-km 25.793	sf per route-mile
33		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
34	Contract values			
35	% gross revenue for government on private prop.	1%		
36	% gross revenue for private easement	4%		
37	% gross revenue for government easement	5%		
38	Impediment Factor	10		
		10		



Summary

The average commute would be 3.5 times faster saving each commuter 295 hours per year.*

At 0.41 USD per mile, a typical commute on Transit X is 17% less than public transit and 74% less than a Taxi.*

			Trip Length										
All prices in USD			1 mile					6 mile				25 mile	
Transit X				0.50 to 0.84 2 min., 3.6x faster					2.48 to 4.16 8 min., 3.6x faster				9.53 to 16.24 33 min., 3.4x faster
Public transit average			:	2.81				4.48				6.56	
nodes	Taxi Uber/Lyft			2	3. to 6 n	90 hinutes	5			16.9 30 m		es	66.07 30 to 120 minutes
ublic n				2.97 2 to 6 minutes 2.27 3 to 12 minutes 3.40 2 to 12 minutes				12.23 8 to 30 minutes 2.27 15 to 60 minutes		es	46.97 30 to 120 minutes 3.47 60 to 240 minutes 6.27 30 to 240 minutes		
Common public modes	Public Bus Train						tes						
Com							4.00 8 to 60 minutes			es			
Personal car			21	3.2	25 hinute	es		1 8 to 3	0 . 30 n			36.30 30 to 120 minutes	
Travel mod	·	Low d Speed km/h	High speed km/h	Base	Includ es km	Over per-km	Dist	Max Dist. km	Time cost per min		e shar 70% 10	-	* All numbers on mode shares, speeds, and co are rough estimates
Тахі	30	20	80	2.27	1	1.13	0.5	100	1.01	5%	4%	1%	
Uber/Lyft		20	80	1.81	1		0.5			10%			
Public Bu	ıs 15	10	40	2.27	20	0.06	0.5	50	0	50%	50%	40%	

Transit X 72 72 72 0 0.25 0.1 50 0 0 Personal car 0.76 0.1 400 30 20 80 1.51 0 0.23 Base fares are set for first 5 years, then adjusted by formula. A 20% discount on a shared pod and a 40% discount on a shared

2

3.40

80

compartment. Trips are discounted proportional to their length reaching a maximum of a 40% discount on a shared compartment. Trips are discounted proportional to their length reaching a maximum of a 40% discount on a 500 km trip. No congestion-based pricing. Fares are proportional to the median income of the area and inversely proportional to per capita use, so the more use of Transit X, the lower the base fare up a to 50% discount. The amount of market-rate fares must be less than the amount of discounted fares. Transit X Fair Fare Formula and Fair Freight Formula is universal and applies to all regions and all times.

0

35% 36% 57%

0.08 2 100

30

10

Train



Fair Fare Formula

Fare rates are updated annually using this formula

	TT GHOID X.			, , , , , , , , , , , , , , , , , , , ,
	Formula Name	Value	Units	Description of the value or model input
1	GlobalIncome	10,000	USD	Global median household income. Updated annually based on most recent
				standard published data. Travel distance per household per year on any mode for trips under 1600 km. A
2	AllTravel	23,000	km	global constant
3	PercentIncomeForTransport	20%		% of median household income for all transportation under 1600 km trips. A
4	GlobalRate	0.09	USD/km	global constant. Global rate: GlobalIncome * PercentIncomeForTransport / AllTravel
				Median household income at first stop (per person per day). External input.
5	IncomeFirst	\$55,000	USD	Based on reliable public data source updated annually.
6	IncomeDest	\$82,500	USD	Median household income at destination per trip. External input. Based on
				reliable public data updated annually. Regional rate based on median income:
7	RegionalRate	0.48	USD/km	MedianIncomeFirst * PercentIncomeForTransport / AllTravel
8	UnderIncomeRate	0.00	USD/km	Under global income adjustment:
9	NominalRate	0.48	USD/km	if (RegionalRate < GlobalRate, GlobalRate - RegionalRate, 0) Nominal rate: RegionalRate + UnderIncomeRate
10	RegionalFactor	1.00	03D/kill	Regional Fare Factor. Negotiated upfront to make network financially viable.
11	AdjustedRate	0.48	USD/km	Regional adjusted rate: NominalRate * RegionalFactor
13	Population	125,691	00D/km	Population in region. Updated annually based on trusted public data source.
				Fare Discount when Transit X travel per household equals AllTravel. Global
12	UsageMaxDiscount	50%		constant.
14	PassengerTravel	710,468,378	km	Total passenger distance traveled previous calendar year. Based on expected
		710,100,070		mode share for first 3 years. Based on actual passenger trips. Audited.
15	ModeShare	25%		Percent of Total Travel Per Capita on Transit X:
				PassengerTravel / (Population x AllTravel)
16	BaseRate	0.42	USD/km	Base rate for single-passenger pod (without discounts) (1 - UsageMaxDiscount x min(1.ModeShare)) x AdjustedRate
17	SpecialRateFactor	2.20		Rate factor for water crossings or high-speed links. Global constant.
	-			Base rate for high-speed travel or water crossings:
18	SpecialBaseRate	0.92	USD/km	BaseRate * SpecialRateFactor
19	DistanceDiscount	40%		Distance discount at max distance. Global constant.
20	MaxDistanceDiscount	500	km	Max distance discount. Global constant.
21	DistanceDiscountPerKm	0.000336	USD/km	Discount amount per km:
	ConjerDissount		CODMIN	BaseRate x DistanceDiscount / MaxDistanceDiscount
22 23	SeniorDiscount	20%		Senior discount set according to local regulations
23	StudentDiscount DisabilityDiscount	20% 20%		Student discount set according to local regulations
0.4				Disability discount set according to local regulations
24	DiscountBaseRate	0.34	USD/km	Discounted base rate : BaseRate x (1 - SeniorDiscount) Discount for a shared pod. Set by Transit X per year. 15% minimum and 30%
25	SharedPodDiscount	20%		maximum. Maximum yearly change is one percentage point.
26	SharedPodRate	0.34	USD/km	Rate for a shared pod: BaseRate x (1 - SharedPodDiscount)
27	SharedCompartmentDiscount	409/		Discount for shared compartment. Set by Transit X per year. 25% minimum
21	onaredoompartmentDiscount	40%		and 40% maximum. Maximum yearly change is one percentage point.
28	SharedCompartmentRate	0.25	USD/km	Rate for shared compartment
	·			BaseRate x (1 - SharedCompartmentDiscount)
29	SingleOccupancyMaxDistance	0.29	USD/km	Rate for 500 km in single-passenger pod.
	Senior +			Rate for a Senior taking a 500 km trip in a shared compartment.
30	SharedCompartmentRate	0.12	USD/km	BaseRate x (1 - SeniorDiscountAmount) x (1 -
				SharedCompartmentDiscount) x (1 - MaxDistanceDiscount)
31	50PctIncomeAtDest	25%		% Higher fare rate if Destination has 50% higher median income than First
			lum-	(IncomeDest / IncomeFirst - 1) / 2
32	DistanceBase	525,746,599	km	Passenger distance under base fare. Audited value from operational data.
33	PercentBase	74%		Percent of passenger distance under base fare: DistanceBase / PassengerTravel
			1105	Annual revenue from all travel under base rate. Audited value from operational
34	BaseRevenue	180,744,828	USD	data.
35	AverageDiscount	18%		Average fare discount from Base Rate:
	-			1 - (BaseRevenue / (DistanceDase x BaseRate))
36	MarketFactor	1.0		Market rate factor. Negotiated value for setting ratio of AverageDiscount
37	MarketRateCap	18%		Cap on passenger travel distance at market rate: AverageDiscount x MarketFactor
	M. 1. 77 10	04 000 504	Luca	Cap on passenger travel distance at market rate:
38	MarketTravelCap	94,880,594	km	DistanceBase x MarketRateCap

Project Summary

Project A fully-automated, solar-powered, micro-rail **Description** network. A transportation utility.

Project type Privately-funded Public Transit

Design, Build, Finance, Own, Operate, Maintain (DBFOOM)

Project equity US\$182 million (30% of total)

Cost to Gov't \$0

Structure Privately financed equity and debt

Debt term 10 years @ 7%

Equity terms A waterfall profit distribution per year with:

- 1. 90% until capital payback,
- 2. then 50% until Target% is reached
- 3. then 10%

Taxes & Fees \$22,913,383 per year

Benefits to society and Extremely high environment

Estimated return 20% average IRR at 5 yrs 30% average IRR at 10 yrs

Financials		Total
(US\$ in millions)	Year 1	Years 1-12
Gross Revenues	154	4,459
Taxes and fees	8	223
Debt service	\$30	\$327

ESG (Environmental, Social, Governance) Benefits

Clean Energy	yes	Improve Resiliency	yes
Energy security	yes	Sustainable	yes
Zero Emissions	yes	Equitable	yes
Zero GHG	yes	Recyclable Materials	yes
Lowers Pollution	yes	Affordable Housing	yes
Clean Water	yes	Improved Health	yes
Improved Safety	yes	Economic Development	yes
Add Green Space	yes	Access to Food	yes
Accessible	yes	Add Quality Jobs	yes

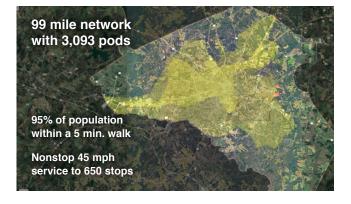




Transit X presents a preliminary proposal for a sustainable micro-rail network – a fleet of automated electric vehicles (pods) for passengers and freight on a local and regional podway providing equitable public transportation for

Athens, GA

High capacity • High speed • Nonstop • 24/7 Solar powered • Zero Wait • Door-to-door • Resilient



About Transit X

Transit X finances, designs, builds, and operates solar-electric micro-rail public transit podways to supplant buses, trains, cars, and trucks. Transit X offers its service to governments and commercial developers. Maiden Flight was on Oct 29, 2018 and pilot projects started in 2018. First pilots will break ground in 2019 and begin operations in 2020. Transit X is a privately held company founded in 2015, based in Boston, Massachusetts.

Status

	Now	Prior to close
Project financing	Available	Yes
Outdoor Test Track	Nov 2019	Yes
Rider-Revenue study	Preliminary	Yes
Environmental study	Per region	Yes
Air rights	Per project	Yes
Permitting	Per project	Yes
Safety certification	Per country	Yes
Construction firm	Per project	Yes
Design and major subs	Per project	Yes
Operations & Maint	Partners	Yes
Utility relocation	Per project	Agreements

General information available at <u>transitx.com</u>. Detailed information and references can be provided under appropriate nondisclosure/non-compete/non-circumvent agreements. Contact: Mike Stanley, CEO, Transit X, <u>mike@transitx.com</u>, 508-596-7024

12-year Pro Forma



Model Inputs and Assumptions

Route length (km)	160
Starting number of pods	1,021
Projected revenue growth	15%
Project Cost (Privately funded)	\$607,462,612
% Debt financed	70%
Debt	\$425,223,829
Equity	\$182,238,784
Debt payment (per year)	\$29,765,668

Travel per year per pod (km) 168,203

- Revenue per vehicle-km (US\$) 0.90
 - OPEX as % of project cost 5%
 - Debt Interest rate 7%
 - Debt term (yrs) 10
- Profit share when below capital return 90%
 - Profit share when below Target IRR $\,50\%$
 - Profit share when above Target IRR 10%

Pro Forma

	Years O	1	2	3	4	5	6	7	8	9	10	11	12
Revenue	0	153,734,004	176,794,105	203,313,221	233,810,204	268,881,734	309,213,994	355,596,094	408,935,508	470,275,834	540,817,209	621,939,790	715,230,759
5% RoW÷tax÷fee	0%	7,686,700	8,839,705	10,165,661	11,690,510	13,444,087	15,460,700	17,779,805	20,446,775	23,513,792	27,040,860	31,096,990	35,761,538
Debt service	0	\$29,765,668	\$29,765,668	\$29,765,668	\$29,765,668	\$29,765,668	\$29,765,668	\$29,765,668	\$29,765,668	\$29,765,668	\$29,765,668	\$29,765,668	\$29,765,668

Investor share	0	69,585,889	83,640,301	61,970,455	35,023,080	37,398,081	40,129,331	43,270,269	46,882,348	51,036,239	55,813,213	61,306,733	67,624,282
Investor share (%)		90%	90%	56%	27%	24%	22%	20%	19%	17%	16%	16%	15%
Share / Orig Capital	0%	38%	46%	34%	19%	21%	22%	24%	26%	28%	31%	34%	37%
IRR to date	loss	(62%)	(11%)	9%	16%	20%	24%	26%	28%	29%	30%	31%	32%

Important Notices

The information contained in this document is not an offer to sell or a solicitation to buy any security. These materials and documents and information from which they are derived or which are referred to by or accessible from them may contain forward looking statements within the meaning of Section 27A of the Securities Act of 1933, Section 2E of the Securities Exchange Act of 1934 and the Private Securities Litigation Reform Act of 1995. All statements other than statements of historical fact are forward looking statements and are subject to risks and uncertainties. Forward looking statements generally can be identified by the use of forward looking terminology such as "may," "will," "expect," "intend," "estimate," "project," "anticipate," "believe" or "plan" or the negative thereof or variations thereon or similar terminology. Although Transit X believes that the expectations reflected in such forward looking statements are reasonable, it can give no assurance that such expectations will prove to be correct. All forward looking statements or circumstances after the date made. Except as required by law, Transit X undertakes no obligation to update any forward looking statements and information from which they are derived or which are referred to by or accessible from them represent Transit X's best estimate as to the allocation of the funding proceeds based upon its present business plan and financial condition. The costs and expenses to be incurred in pursuing the Company's business plan cannot be predicted with certainty. There can be no assurance that unforeseen events will not occur or that the Company's business plan will be achieved or that it will not be changed, and it is possible that the funding proceeds may be applied in a manner other than that described herein.