



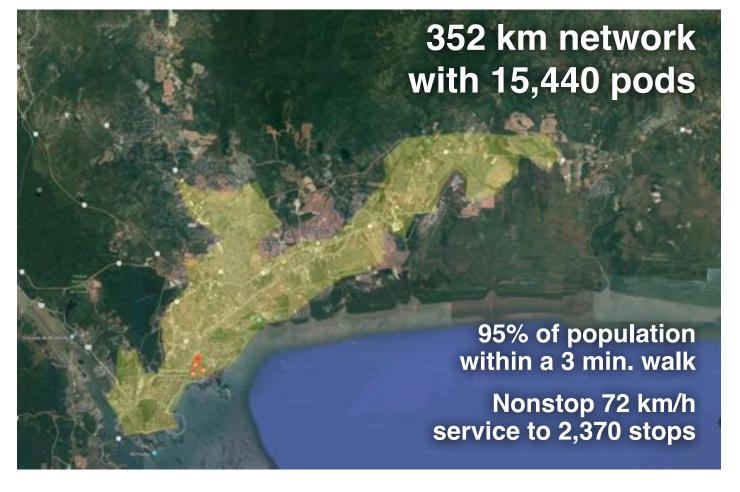
Transit X, LLC presents a preliminary proposal for a privately-funded fleet of fully-autonomous shared electric vehicles on a local and regional podway network for

Panama City, Panama

This proposal is downloadable at transitx.com/proposals/Transit X for Panama_City,Panama.pdf

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

A 26-page companion Transit X Handbook is available at transitx.com/transitxhandbook.pdf





Transit X proposes to build and operate a privately-financed pod network to carry passengers and freight for Panama City, Panama 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.

No public funding

We have reduced or eliminated many costs of transportation including the cost of materials, land, construction, fuel, debt service, and labor. Transit X does not require public funding because revenue from fares more than covers our costs. Our business model appeals to investment banks and private equity firms that finance green infrastructure projects.

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. An in-depth (1000+ hours) technical assessment and feasibility analysis has been completed by Altran, a global engineering firm with

extensive expertise in automated transit systems. The first pilots of Transit X will be deployed by the end of 2018.

Before any groundbreaking, the system will be safety-certified and fully insured.

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 and have no 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.

Sustainable

Transit X runs on 100% sustainable energy. The energy generated from solar panels on the track and stored within the poles is sufficient in most cases, but sustainable power contracts may used to buy and sell power to the grid. Transit X makes it possible to reduce the amount of impervious surfaces and increase green space by reducing the need for parking and roads. By replacing cars, Transit X has a negative carbon footprint.

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 higher use of mass transit and less use of personal vehicles.

De-risking Projects

Transit X is working 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 would work with regional urban planning and construction firms who are familiar with permitting and applicable codes.

Jobs and Workforce Development

Many jobs will be created to build a new transportation infrastructure, and many new types of job will be created as transportation becomes more efficient. Municipalities that first embrace Transit X will be offered the opportunity to have Transit X manufacturing and assembly jobs in their area. The vast majority of the construction jobs will be locally sourced. Preferential hiring would be given to those workers displaced by the transition to automated vehicles.

Revenue Generator

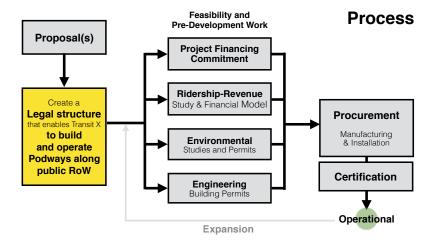
Not only does Transit X not require public financing, but the local municipality and right-of-ways owners receive 5% of gross revenue, which would be US\$74 million per year average over the first 10 years. For specifics, please see the "Taxes and Fees" section of this proposal. These fees and taxes paid by Transit X enables lower taxes or more spending on public services.

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 general process for working with a municipality or rights-ofway owner. We would refine a proposal to meet your needs, then ask for a letter stating that you would like to move forward with a proposal that includes air rights and and an operating agreement. 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 ride-sharing 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.

Whatever process you use to evaluate this proposal, Transit X is open to working with you on refining this proposal to meet your needs. 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 need a memorandum of understanding (example at <u>transitx.com/process/mou.html</u>) stating that you intend to pass an ordinance that enables our use of air rights along with an operating agreement.

The buildout of the network would be rolled out in phases, where a first phase could be a 15 to 30 km pilot.

Other Resources

The links below provide general information about Transit X:

- · 2 minute video overview (transitx.com/video)
- Transit X Handbook (<u>transitx.com/transitxhandbook.pdf</u>)
- Letters of Project Financing, Due Diligence, Contracts (transitx.com/letters.pdf)
- Example Resolution (transitx.com/process/resolution.html)
- · Operating Agreement (transitx.com/process/operating_agreement.html)
- General Q & A (transitx.com/QandA.html)

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 Panama City through better transportation.

Sincerely,

Tank

Mike Stanley CEO, Transit X

Telephone: +1 508-596-7024 (also via WhatsApp) Email: mike@transitx.com Zoom eRoom: https://zoom.us/j/8229009123 Website: transitx.com LinkedIn: http://linkedin.com/in/mikestanleymit/ Skype: mikestanley49 WeChat: MikeTransitX Facebook Messanger: m.me/MikeStanleyMIT Twitter: https://twitter.com/MikeTransitX Mail: 1127 Commonwealth Ave #30, Boston, MA 02134 USA



Project Overview



1	Transit X network length	352	km	
2	People (resident-equivalent) in region	880,691	resident-equivalent p	opulation
3	Route density ratio (route length to service area)	1.94		
4	Number of stops	2,370		
5	Triple-speed route length	0	km	
6	Water crossing route length	0	km	
7	Cost of Podway (fixed infrastructure)	\$1,276,296,888		
8	per person	\$1,449		
9	Mode share of travel on Transit X (27% after first year)		after 10 years	
10	Distance traveled on Transit X, per year	4,028,498,297		
11	per day	11,036,982		
12	Daily potential energy generation with standard panels on tracks	2,702		
13	Sustainable energy use per day		MWh	7% of max capacity
14	Energy storage capital cost for 1 day(s) of supply at \$100 per kWh	\$19,763,599		
15	Size (rated power) of solar installation	45,947	KW	
16	Cost to generate sustainable energy (at \$1,000 per kW)	\$45,947,220		
17	Cost of buying sustainable energy at \$0.15 per kWh	\$29,645		15% of OPEX
18	Daily passengers riding Transit X		customers	83% of the pop.
19	Distance per passenger per day		km	
20	Average distance per trip (assuming 3 trips per day)		km	
21	Single passenger fare for shared 5 km trip	\$1.09		USD
22	Passenger distance traveled during peak hour	2,207,396		
23	Breakeven	170,532	customers per day	
24			(20% of people conv	enient to Transit X)
25	Number of pods for peak demand	15,440	pods at 83% m	ode share
26	Number of customers per pod		and 57 people per	
27	Distance per pod per year	168,195		
28	Two-layer pod garage area (5% of route with side-parking)	16,984		0.2% of car parking
29	Cost of pods	\$100,360,000	is \$88 per person	
30	Capital cost of energy generation and storage		is \$97 per person	
31	Project Finances			
32	Total Project Cost (privately financed)	\$1,462,080,951	1,462,080,951	USD
33	Project cost	\$4,154,964		
34	Equity	\$438,624,285	438,624,285	USD
35	Private debt financing	\$1,023,456,666	1,023,456,666	USD
36				
37				
37 38	Debt service (per vear)	\$153 518 500	152 518 500	
37 38 39	Debt service (per year) Yearly fees and taxes (US\$126 per capita)	\$153,518,500 \$111,241,235	153,518,500 111 241 235	
37 38	Debt service (per year) Yearly fees and taxes (US\$126 per capita)	\$153,518,500 \$111,241,235	153,518,500 111,241,235	
37 38 39 40				
3738394041				
 37 38 39 40 41 42 				USD
 37 38 39 40 41 42 43 	Yearly fees and taxes (US\$126 per capita)	\$111,241,235 \$1,660	111,241,235 337,863,783	USD
 37 38 39 40 41 42 43 44 	Yearly fees and taxes (US\$126 per capita) OPEX + Debt service + Tax + Fees Project costs — per person	\$111,241,235 \$1,660	111,241,235 337 863 783 1,660	USD USD
 37 38 39 40 41 42 43 44 45 46 	Yearly fees and taxes (US\$126 per capita) OPEX + Debt service + Tex + Fees Project costs — per person Number of motor vehicles displaced	\$111,241,235 0007,000,760 \$1,660 402,850	111,241,235 1,660 motor vehicles	USD USD
 37 38 39 40 41 42 43 44 45 	Yearly fees and taxes (US\$126 per capita) OPEX a Debt convice a flox a Fees Project costs — per person Number of motor vehicles displaced Yearly cost of cars displaced — per person	\$111,241,235 (307,466,766) (31,660) (402,850) (\$4,117)	111,241,235 1,660 motor vehicles	USD USD
 37 38 39 40 41 42 43 44 45 46 	Yearly fees and taxes (US\$126 per capita)	\$111,241,235 \$1,660 402,850 \$4,117 \$0.02	111,241,235 337 863 783 1,660 motor vehicles 4,117	USD USD

Project Overview p. 2



Impact of proposed network

1	Reduction in GHG emissions (metric tons CO2-eq)	397,814 MTCO2-eq annually
2	Estimated cost to maintain public roadways	\$62,339,694 annually
3	Reduced waste products	64,557 metric tons annually
4	Travel time saved	267 hrs/person annually
5	Cost savings from reduced car ownership	\$1,429 per person annually
6	Increase in household income from time savings and car costs	10%
7	Reported injuries avoided	2,498 annually
8	Lives saved	25 annually
9	Land freed from parking (2,289 acres)	9,265,546 m ²
11	Health care savings	High

Model Inputs

	-	
	Ratio of road length to track length	15
4	Walking speed	16
0.4	Width of convenient swath along track	17
\$2,790,00	Fixed cost per km. Solar+storage not included.	18
\$8,370,00	Water crossing: additional cost per km	19
\$5,580,00	Triple-speed: additional cost per km	20
2	Rate factor for water crossings or high-speed links.	21
10,00	Average distance traveled per person per year (for trips under 1600 km)	22
2	Average distance per day per person	23
85	Mode share % of people convenient to Transit X	24
20	Percentage of daily demand during peak hour	25
26,80	Maximum capacity per track	26
1	Average dwell time during peak hour	27
18	% of pods traveling on route with highest demand	28
	Average speed of pod	29
-	Average # of trips for a daily customer	30
2	Average passengers per pod during peak hours	31
1	Average passengers per pod	32
20	Average discount per passenger Maximum passengers per ped	00
25	Maximum passengers per pod	33
\$5,00	Empty pods: Percentage non-revenue Ex-Factory cost per pod	34 35
\$5,00 10,00	Worldwide Median Income per Household (US\$)	35 36
2	Average number of residents per household	36 37
\$0.3	Base fare per km	38
\$0.5	(per mile)	39
5	O&M as % of project cost	40
70	Percentage debt financed	41
1	Length of loan/debt	42
5	Interest rate for debt	43
2.3	kg CO2 emissions per liter of gasoline	44
\$1	Monetary value of 1 hour personal time (USD)	45
\$51,00	Eat. roadway maintenance per year per km	46
2	Area of one parking lot space	47
9	Commercial income of land (annual)	48
0.1	Distance from roadway that is convenient	49
6	Stops per km	50
2	Solar panel area per meter of track	51
\$0.1	Cost of sustainable energy and storage	52
3	Global Horizontal Irradiance (GHI)	53
\$1,00	Cost to generate sustainable energy	54
4	Storage per column	55
2	Typical span	56
\$10	Energy storage cost	57
	Energy storage capacity	58
2.2	Area of parked pod	59
40	Distance discount at max distance	60
50	Max distance discount	61
50	Max usage discount at 10,000 km per capita	62
20	Shared Pod Discount	63
40	Shared Pod Compartment Discount	64
67	Mode share starting discount	65
<i>ı</i> ,Panama.p	URL	

4			
	km/h		
	km		
,790,000		790,000	חפוו
,370,000	۷,۰	30,000	000
,580,000			
,380,000			
2.2			
10,000	km		
27	km		
85%	at 5 mi	n walk.	
20%			
26,806	pph		
10	second	s	
18%			
72	km/h		45 mph
3	per day	1	
2.5			
1.6		gers	
20%	•	•	
5	passen	gers	
25%	-	-	
\$5,000		5,000	USD
10,000		10,000	USD
2.3			USD
\$0.36		0.4	USD
\$0.58		0.6	USD
5%			
70%			
10	years		
5%			
2.37			
\$12			USD
\$51,000		51,000	USD
23	m²		
\$1	per m ²		USD
	km		
6.7			
2.0			
	per kW		
	kWh/m		
\$1,000	per kW		
	kWh		
23		ols/km:	44
-	per kW	h	
1	days		
2.20	m ²		
40%	lana		
500	кт		
50%			
20%			
40%			
67%			
nama.pdf			

Model Inputs (continued)

66	Name of region or project	Panama City, Panar
67	Currency name	USD
68	Equal to US\$1	1
69	Sustainable energy/electricity generation & storage as	CAPEX
70	Land area of region (sq. km)	275
71	Number of residents in region	880,691
72	% travel within region	55%
73	% of land area served by roads	66%
74	Coverage: % of pop. convenient (3 min walk) to Transit X	95%
75	Median household income (US\$)	\$46,000
76	Convenient walk time to stop (min)	3
77	Triple-speed route length (km)	0
78	Water crossing route length (km)	0.0
79	Visitors per year	0
80	Average length of visit (days)	2
81	Solar production ratio	1.57
82	Regional Fare Factor	1.0
83	EPC costs & contingency	30%
84	Triple-speed (km/h)	242

Pod & Car

		Pod	Car
85	Service life (years)	20	12
86	Full cost of vehicle per year	\$200	\$9,000
87	Public cost to maintain infrastructure (per km)	\$0	\$100,000
88	Energy Efficiency in MPGe	1188	24
89	Energy Efficiency in liters/100km	0.20	9.8
90	Energy used (Watt-hours/km)	28	1375
91	mass of CO2 per vehicle per km (kg)	0	0.09875
92	Vehicle mass (kg)	45	1950
93	Average speed of urban travel (km/h)	72	16
94	Typical travel time (in minutes) for 5 km trip	4	19
95	Fare/cost per km	\$0.36	\$0.62
96	Number of deaths per 100M passenger-km	0.00001	1
97	Number of injuries per 100M passenger-km	0.0006	62
98	Volume to park (cubic meters)	5.7	70.9



4% of gross revenue proportioned to air rights owners and a municipal fee/tax of 1% of gross revenue. Both air rights and fee/tax have a minimum payment based on the Footprint and the Transit X Commercial Rate (TXCR).

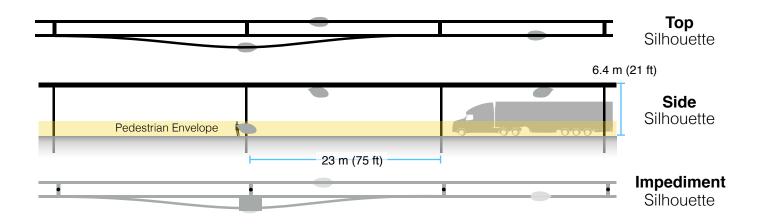
1 Municipal rates

	•		
2	Total commercial land (estimated)	18,150,000 m ²	
3	Total commercial muni revenue (US\$)	\$16,698,000	16,698,000 USD
4	TXCR (Transit X Commercial Rate)	\$0.92 per m ²	0.9 USD
5	TXCR is the yearly tax rate per land area. Calculation: total land area of commercial properties in the municipality, divided by all the municipal income generated by those properties. The TXCR is used to calculate the minimum tax/ fee.		
6	Project Revenue		
7	Length of Transit X route	352 km	
8	Estimated gross revenue per unit length	\$6,322,541 per km	6,322,541 USD
9			
10	Government Tax	% of gross revenue with mini	mum.
11	1% gross revenue	\$63,225 per rout	te-km 63,225 USD
12	Minimum per year	\$1,520 per rout	te-km
13	Air Rights Leasing Fee	% of gross revenue with mini	mum. Proportioned based on length.
14	% of route on municipal land	90%	
15	4% gross revenue	\$252,902 per rout	te-km 252,902 USD
16	Minimum per year	\$1,520 per rout	te-km
17	Taxes, Fees		
18	Paid to Municipality	\$102,341,936 per yea	ar 102,341,936 USD
19	with minimum	\$1,016,404	
20	Paid to Private land owners	\$8,899,299 if 10% of	of RoW is over private property

21 ...with minimum

\$53,495

Footprint calculations for minimum fee



1	Footprint Calculations	Metric	Imperial
2	Track width	<u>0.41</u> m	
3	Track height	<u>0.61</u> m	
4	Pole diameter	<u>0.3</u> m	
5	Pole cross section	<u>0.07</u> m ²	
6	Stop landing area	2 m ²	
7	width	<u>2</u> m	
8	length	<u>1</u> m	
9	Ramp length	<u>21</u> m	
10	Pole span	<u>23</u> m	
11	Number of poles per unit length	<u>43.5</u> poles per kn	1
12	Pole height	<u>6</u> m	
13			
14	Single track	1126.7 m ²	
15	Area of Side Silhouette	688.3 m ²	
16	Area of Top Silhouette	423.1 m ²	
17	Impediment Area (adjusted)	15.4 m ²	
18			
19	Dual track	1536.7 m ²	
20	Area of Side Silhouette	688.3 m ²	
21	Area of Top Silhouette	833.1 m ²	
22	Impediment Area (adjusted)	15.4 m ²	
23			
24	Stop	57.8 m ²	
25	Area of Side Silhouette	25.6 m ²	
26	Area of Top Silhouette	22.2 m ²	
27	Impediment Area (adjusted)	10.0 m ²	
28			
29	Stops	2 stops per kn	0
30	% of dual track	100%	
31		100 %	
32	Average area per unit length	1,652 m ² per route	. Lum
	Average area per unit length		-611
33	O suture standard		
34	Contract values		
35	% gross revenue for muni tax/fee	1%	
36	% gross revenue for air rights (RoW)	4%	
37	% gross revenue for RoW+tax+fee	5%	
38	Impediment Factor	5	



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

At 0.22 USD per km, a typical commute on Transit X is 17% less than public transit and 74% less than a Taxi.*

				_	Trip Ler									
All prices in USD					2 km					10 km				40 km
Transit X					0.43 to 0.72 2 min., 3.6x faster					2.13 to 3.57 8 min., 3.6x faster				8.18 to 13.95 33 min., 3.4x faster
Public transit average				2.42				3.84				5.63		
lodes		Тах			2	3. to 6 n	35 ninute	s		8 to	14.5 30 m		es	56.74 30 to 120 minutes
Common public modes	Uber/Lyft				2.55 2 to 6 minutes				10.50 8 to 30 minutes			es	40.33 30 to 120 minutes	
d uou	Ρι	Public Bus			1.95 3 to 12 minutes				1.95 15 to 60 minutes			tes	2.98 60 to 240 minutes	
Comr		Trai	n		2.92 2 to 12 minutes				3.44 8 to 60 minutes			es	5.38 30 to 240 minutes	
Personal car				2 t	2. 7	79 ninute	es		8 to 3	3.7 30 m	-	tes	31.07 30 to 120 minutes	
Travel m	node	Avg. Speed km/h	Low Speed km/h	High speed km/h	Base	Includ es km	Over per-km	Min Dist km	Max Dist. km	Time cost per min	6%	de sha 70% 10		* All numbers on mode shares, speeds, and cost are rough estimates.
Taxi		30	20	80	1.95	1		0.5	100	0.86	5%	4%	1%	
Uber/Ly	/ft	30	20	80	1.56	1	0.78	0.5	100	0.43	10%	10%	2%	
Public E	Bus	15	10	40	1.95	20	0.05	0.5	50	0	50%	50%	40%	
Train		30	10	80	2.92	2	0.06	2	100	0	35%	36%	57%	
Transit	Х	72	72	72	0	0	0.22	0.1	50	0	-	-	-	

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 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 equal or less than the amount of discounted fares. Transit X Fair Fare is a universal passenger fare formula that applies to all regions and all times.

-

0 0.65 0.1 400 0.19

20

30

1.30

80

Personal car



Fair Fare Formula

Fare rates are updated annually using this formula

	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
I	Ciobalificome	10,000	000	standard published data.
2	AllTravel	23,000	km	Travel distance per household per year on any mode for trips under 1600 km. A global constant
3	PercentIncomeForTransport	20%		% of median household income for all transportation under 1600 km trips. A global constant.
4	GlobalRate	0.09	USD/km	Global rate: Globalincome * PercentincomeForTransport / AllTravel
5	MedianIncomeOrigin	\$46,000	USD	Median household income at origin. External input. Based on reliable public data source updated annually.
6	MedianIncomeDest	\$46,000	USD	Median household income at destination. External input. Based on reliable public data updated annually.
7	RegionalRate	0.40	USD/km	Regional rate based on median income: MedianIncomeOrigin * PercentIncomeForTransport / AllTravel
8	UnderIncomeRate	0.00	USD/km	Under global income adjustment: if (RegionalRate < GlobalRate, GlobalRate - RegionalRate, 0)
9	NominalRate	0.40	USD/km	Nominal rate: RegionalRate + UnderIncomeRate
10	RegionalFactor	1.00		Regional Fare Factor. Negotiated upfront to make network financially viable.
11 13	AdjustedRate Population	0.40 880,691	USD/km	Regional adjusted rate: NominalRate * RegionalFactor Population in region. Updated annually based on trusted public data source.
	ropulation	880,091		Fare Discount when Transit X travel per household equals AllTravel. Global
12	UsageMaxDiscount	50%		constant.
14	PassengerTravel	4,028,498,297	km	Total passenger distance traveled previous calendar year. Based on expected mode share for first 3 years. Based on actual passenger trips. Audited.
15	ModeShare	20%		Percent of Total Travel Per Capita on Transit X: PassengerTravel / (Population x AllTravel)
16	BaseRate	0.36	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.
18	SpecialBaseRate	0.79	USD/km	Base rate for high-speed travel or water crossings: BaseRate * SpecialRateFactor
19	DistanceDiscount	40%		Distance discount at max distance. Global constant.
20	MaxDistanceDiscount	500	km	Max distance discount. Global constant.
21	DistanceDiscountPerKm	0.000288	USD/km	Discount amount per km: BaseRate x DistanceDiscount / MaxDistanceDiscount
22	SeniorDiscount	20%		Senior discount set according to local regulations
23	StudentDiscount	20%		Student discount set according to local regulations
	DisabilityDiscount	20%		Disability discount set according to local regulations
24	DiscountBaseRate	0.29	USD/km	Discounted base rate: BaseRate x (1 - SeniorDiscount)
25	SharedPodDiscount	20%		Discount for a shared pod. Set by Transit X per year. 15% minimum and 30% maximum. Maximum yearly change is one percentage point.
26	SharedPodRate	0.29	USD/km	Rate for a shared pod: BaseRate x (1 - SharedPodDiscount)
27	SharedCompartmentDiscount	40%		Discount for shared compartment. Set by Transit X per year. 25% minimum and 40% maximum. Maximum yearly change is one percentage point. 2 compartments per pod.
28	SharedCompartmentRate	0.22	USD/km	Rate for shared compartment BaseRate x (1 - SharedCompartmentDiscount)
29		0.24	USD/km	Rate for 500 km in single-passenger pod.
30	Senior + SharedCompartmentRate	0.10	USD/km	Rate for a Senior taking a 500 km trip in a shared compartment. BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartmentDiscount) x (1 - MaxDistanceDiscount)
01	DistanceDess	0.001.000.740	km	
31	DistanceBase	2,981,088,740	km	Passenger distance under base fare. Audited value from operational data. Percent of passenger distance under base fare:
32	PercentBase	74%		DistanceBase / PassengerTravel
33	BaseRevenue	863,450,726	USD	Annual revenue from all travel under base rate. Audited value from operational data.
34	AverageDiscount	20%		Average fare discount from Base Rate: 1 - (BaseRevenue / (DistanceDase x BaseRate)) Madeuse for the Discourt for the second se
35	MarketFactor	1.0		Market rate factor. Negotiated value for setting ratio of AverageDiscount
36	MarketRateCap	20%		Cap on passenger travel distance at market rate: AverageDiscount x MarketFactor
37	MarketTravelCap	584,105,543	km	Cap on passenger travel distance at market rate: DistanceBase x MarketRateCap

Project Summary

Project Description	Solar-powered automated transportation network infrastructure			
Project type	Privately-funded Green Infrastructure			
Project cost	\$1.46 billion			
Cost to Gov't	\$0			
Structure	Privately financed equity and debt			
Debt term	10 years @ 5%			
Equity terms	 A waterfall profit distribution with: 90/10 split until Return of Capital, then 50/50 until Target IRR met then 10/90 onwards 			
Yearly fees & taxes	\$102,341,936			
Benefits to society and environment	Extremely high			

Financials

(US\$ in millions)

	Year 1	Total Years 1-12
Gross Revenues	734	17,876
Taxes and fees	37	894
Debt service	\$133	\$1325

ESG (Environmental, Social, Governance) Benefits

Clean energy	yes	Resiliency	yes
Energy security	yes	Sustainable	yes
Emissions-free	yes	Equitable	yes
GHG-free	yes	Recyclable materials	yes
Lowers pollution	yes	Affordable housing	yes
Clean water	yes	Improved Health	yes
Improved Safety	yes	Econ. Development	yes
New infrastructure	yes	Access to Food	yes
Equitable transport	yes	New job creation	yes





Transit X, LLC presents a preliminary proposal for a privately-funded fleet of fully-autonomous shared electric vehicles on a local and regional podway network for

Panama City, Panama

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

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



About Transit X

Transit X designs, builds, and operates solar-electric shared mobility infrastructure to supplant buses, trains, cars, and trucks. Transit X offers its service to municipalities and commercial developers. First pilots will begin operations by 2019. Transit X is a privately held company founded in 2015, based in Boston, Mass, and intends to be certified as a public benefit company.

Status

	Now	Prior to close			
Project financing	Letter of Interest	Yes			
Demonstration system	In development	Yes			
Rider-Revenue study	Proposals	Yes			
Environmental study	Expedited request	Yes			
Air rights	Proposal	Ordinance			
Permits	Known process	Yes			
Safety certification	Expedited request	Yes			
Installation	High interest	Contracted			
Operations & Maint	High interest	Contracted			
Utility relocation	Identified	Agreements			
EPC	Identified	Contracted			

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

12-year Pro Forma



Model Inputs and Assumptions

Route length (km)	352		
Starting number of pods	5,095		
Projected revenue growth	15%		
Project Cost (Privately funded)	\$1,462,080,951		
% Debt financed	70%		
Debt	\$1,023,456,666		
Total Equity	\$438,624,285		
Capital return per year	\$87,724,857		
Debt payment (per year)	\$132,542,321		

Travel per year per pod (km) 168,195

- Revenue per vehicle-km (US\$) 0.86
 - OPEX as % of project cost 5%
 - Debt Interest rate 5%
 - Debt term (yrs) 10
 - Cost of capital 0%
- Yrs to return equity capital (Straight Line) 5

Dividend rate until equity capital is paid $\,90\%$

Dividend rate until Cost of Capital is paid 50%

Dividend rate above Cost of Capital 10%

Pro Forma

Ye	ars O	1	2	3	4	5	6	7	8	9	10	11	12
Revenue	0	734,163,333	844,287,833	970,931,008	1,116,570,659	1,284,056,258	1,476,664,697	1,698,164,402	1,952,889,062	2,245,822,421	2,582,695,784	2,970,100,152	3,415,615,175
5% RoW+tax+fee	0%	36,708,167	42,214,392	48,546,550	55,828,533	64,202,813	73,833,235	84,908,220	97,644,453	112,291,121	129,134,789	148,505,008	170,780,759
Debt service	0	\$132,542,321	\$132,542,321	\$132,542,321	\$132,542,321	\$132,542,321	\$132,542,321	\$132,542,321	\$132,542,321	\$132,542,321	\$132,542,321	0	0
Investor balance		-\$292,946,063	-\$137,902,573	\$27,910,973	\$206,110,084	\$398,552,596	\$607,375,018	\$764,854,451	\$943,996,315	\$1,148,049,974	\$1,380,752,199	\$1,659,654,507	\$1,976,444,541

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 the date made. Except as required by law, Transit X undertakes no obligation to update any forward looking statement to reflect events or circumstances after the date on which it is made or to reflect the occurrence of anticipated or unanticipated events or circumstances. These materials and documents 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 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.