



Transit X, LLC presents a preliminary proposal for

Miramar, Florida

For a privately-funded shared mobility service that is

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







Transit X proposes to build and operate a privately-financed automated pod network in Miramar, Florida 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

Transit X does not require public funding because our business model appeals to investment banks and private equity firms that provide our project financing. Most of our infrastructure is factory-built, so that installation is fast and not disruptive. We have reduced or eliminated many costs of transportation infrastructure including materials, land, construction, fuel, debt service, and driver costs. Our approach to significantly reducing costs makes private financing possible.

Proven technology

Our team and partners have built fully automated transit systems that are now in operation — Morgantown, WV, BART, and several others in Europe. 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. Altran is 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.

Quality Service

Transit X provides on-demand, last-mile service that is superior to cars or buses. A service level 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 and has a zero carbon footprint. The energy generated from solar panels on the track and stored within the poles is sufficient in most cases, but sustainable power contracts would provide backup power. Transit X makes it possible to reduce the amount of impervious surfaces and increase green space by reducing the need for parking and roads.

More transit & less cars

Transit X provides the convenience and privacy that people value in cars, yet without the negative impacts from personal car use. 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 will work with regional urban planning and construction firms who are familiar with local codes and requirements.

Jobs and workforce development

Many jobs are created to build a new transportation infrastructure and transition away from roads. 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 potentially displaced by the transition to automated vehicles.

Revenue generator

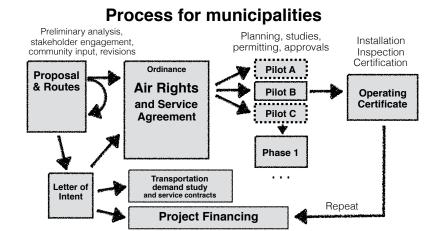
Not only does Transit X not require public financing, but the local municipality receives 5% of gross revenue. For specifics, please see the "Taxes and Fees" section of this proposal.

Short and long term

A project could be operational within 24 months from the start of a project. Transit X offers a short term 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. 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 a service 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 on how to move forward, we would ask for a letter (example at <u>transitx.com/process/loi.html</u>) stating that you intend to pass an ordinance for use of air rights along with a service 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 resources below provide more general information:

- Transit X Handbook (transitx.com/transitxhandbook.pdf)
- Video overview (transitx.com/video)
- · Letters of Project Financing, Due Diligence, Contracts (transitx.com/letters.pdf)
- Sample Ordinance (transitx.com/process/ordinance.html)
- Service Agreement (transitx.com/process/service agreement.html)
- General Q & A (transitx.com/QandA.html)

Addendum

The remaining pages of this proposal provide more details specific to this project:

- Financial Project Summary with Pro Forma, pages 6-7
- Project Overview, Impact, and Assumptions, pages 8-9
- Taxes and Fees with Footprint, pages 10-11
- Fair Fare Policy, page 12

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

Sincerely,

Mike Stanley CEO, Transit X

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Zoom eRoom: https://zoom.us/j/8229009123

Mail: 1127 Commonwealth Ave #30, Boston, MA 02134 USA





Project Description	Solar-powered automated transportation network infrastructure
Project type	Project financing of Green Infrastructure
Project cost	\$205 million
Projected IRR	58%
Cap rate	89%
Structure	Equity and Debt
Debt term	10 years @ 5%
Equity terms	15 years with 15% Target IRR With a waterfall profit distribution of: 1. 90/10 split until Return of Capital, 2. then 50/50 until Target IRR met 3. then 10/90
Benefits to society and environment	Extremely high

Financials

(US Dollars in millions)	Year 1	Total Years 1-10
Gross Revenues*	204	3,419
Operating Expenses	20	263
Debt service	\$19	\$186
Net Operating Income	\$165	\$2,970

ESG (Environmental, Social, Governance) Benefits

Clean energy	yes	Resiliency	yes
Energy security	yes	Sustainable	yes
Emissions-free	yes	Equitable	yes
GHG-free	yes	Recyclable mat.	yes
Lowers pollution	yes	Affordable housing	yes
Clean water	yes	Improved Health	yes
Improved Safety	yes	Economic Devel.	yes
Fix Infrastructure	yes	Food security	yes



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. A demonstration system will be ready in early 2018, and pilots will begin 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
Proven concept	Yes	Yes
Demonstration system	In development	Yes
Ridership study		Yes
Environmental study		Yes
Air rights	Letter of Intent	Ordinance
Permits	Known process	Yes
Safety certification	Guar. fixed price	Yes
Construction (BOP):	Letter of intent	Guar. fixed price
Operations & Maint:	Letter of intent	Guar. fixed price
Project Engineering	TBD	25% design

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



Model Inputs and Assumptions

80	Route length (km)
1,623	Starting Pods
<u>15%</u>	Projected revenue growth
k stops, subsidies, 3rd party services,	Revenues to include passenger fare developer fees, private leasing, private brand muni contracts, carbon credits, conduit leasing para-transit, private shuttle
\$204,965,888	Project Cost
<u>70%</u>	% Debt financed
\$143,476,122	Debt
\$61,489,767	Equity
\$12,297,953	Capital return per year
	Target IRR
15%	J
15% \$9,223,465	Target return per year
	_

Travel per year per pod (km)	210,232
Revenue per vehicle-km (US\$)	0.60
Cost per pod	\$5,000
OPEX as % of project cost	5%
OPEX as % of revenue	5%
Debt Interest rate	5%
Debt term (yrs)	10
Equity term (yrs)	15
Years to return equity capital	<u>5</u>
Profit share when below capital return	90%
Profit share when below Target IRR	<u>50%</u>
Profit share when above Target IRR	10%

Pro Forma

Years	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Revenue	0	203,700,404	234,255,465	269,393,785	309,802,853	356,273,281	409,714,273	471,171,413	541,847,126	623,124,194	716,592,823	824,081,747	947,694,009	1,089,848,110	1,253,325,327
OPEX	0	20,433,315	21,961,068	23,717,984	25,738,437	28,061,958	30,734,008	33,806,865	37,340,651	41,404,504	46,077,936	51,452,382	57,632,995	64,740,700	72,914,561
Debt service	0	\$18,580,814	\$18,580,814	\$18,580,814	\$18,580,814	\$18,580,814	\$18,580,814	\$18,580,814	\$18,580,814	\$18,580,814	\$18,580,814	0	0	0	0
Free cash flow	0	164,686,276	193,713,583	227,094,987	265,483,601	309,630,508	360,399,450	418,783,734	485,925,661	563,138,876	651,934,074	772,629,365	890,061,014	1,025,107,410	1,180,410,766
Waterfall distribution															
1. Capital return	0	\$12,297,953	\$12,297,953	\$12,297,953	\$12,297,953	\$12,297,953	0	0	0	0	0	0	0	0	0
2. Expected return	0	\$9,223,465	\$9,223,465	\$9,223,465	\$9,223,465	\$9,223,465	\$9,223,465	\$9,223,465	\$9,223,465	\$9,223,465	\$9,223,465	\$9,223,465	\$9,223,465	\$9,223,465	\$9,223,465
3. Over Exp return	0	143,164,857	172,192,165	205,573,569	243,962,183	288,109,090	351,175,985	409,560,269	476,702,196	553,915,411	642,710,609	763,405,900	880,837,549	1,015,883,946	1,171,187,301
Investor share	0	29,996,376	32,899,107	36,237,247	40,076,109	44,490,799	39,729,331	45,567,759	52,281,952	60,003,274	68,882,793	80,952,323	92,695,487	106,200,127	121,730,463
Investor share %		18%	17%	16%	15%	14%	11%	11%	11%	11%	11%	10%	10%	10%	10%
Investor IRR	0%	29%	34%	39%	45%	52%	65%	74%	85%	98%	112%	132%	151%	173%	198%
Investor balance	\$(61,489,	\$ (31,493,390)	1,405,717	\$ 37,642,964	\$ 77,719,073	\$122,209,872	\$ 161,939,203	\$ 207,506,963	\$ 259,788,915	\$ 319,792,188	\$ 388,674,982	\$ 469,627,304	\$ 562,322,792	\$ 668,522,919	\$ 790,253,381
Investor IRR to date	loss	-51%	1%	27%	40%	48%	51%	53%	55%	56%	56%	57%	57%	58%	58%

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 speak only as of 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 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.



Project Overview

		1	
Size of region		km²	29.3 sq miles
Number of people in region (residents + visitors)	138,449		1 246 000 022 miles
Travel distance per year by all people (residents and visitors)	2,007,510,500	km	1,246,900,932 miles
Percentage of all travel that occurs within the region	60%		
Road coverage (percent of area conveniently served by paved roads)	90%		26.4 sq miles
Service area size	68.4	km ²	20.4 SQ IIIIICS
Coverage: percent of people convenient (5 min walk) to Transit X	95%		49.4 miles
Estimate #1 for network length based on desired coverage Length of paved roads in region	80 <u>276</u>		171.7 miles
Estimate #2 for network length based on length of public roadways	66		40.8 miles
Estimate #2 for notwork longth bacod on longth of public roddinayo	00	KIII	10.0 1100
Transit X network length	80	km	49.4 miles
Route density ratio (route length to service area)	1.16		
Tunnel length	0.0	km	
High-speed X Way length	0.0	km	
Total costs for project not including pods	\$180,615,888		
per person	\$1,305		
Mode share of travel on Transit X	85%		
Distance traveled on Transit X, per year	1,023,830,355	km	635,919,475 miles
per day	2,805,015		1,742,245 miles
Potential energy generation (ideal)		MWh	, ,
Energy consumption per day		MWh	17% of max capacity
Daily number of people riding Transit X		customers	, ,
Distance per Transit X customer per day	•	km	14.8 miles
Average distance per trip (with 3 trips per day)			4.9 miles
		km	4.9 IIIIles
Passenger fare for 8 km trip (at \$0.30 per km)	\$2.37		348,449 miles
Distance traveled during peak hour	561,003		346,449 IIIIles
Breakeven	24,002	customers per day	
Breakeven	24,002	customers per day (18% of people conven	ient to Transit X)
		(18% of people conven	ient to Transit X)
Number of pods needed to meet peak demand	4,870	(18% of people conven	ient to Transit X)
Number of pods needed to meet peak demand Distance per pod per year	4,870 210,232	(18% of people conven pods km	ient to Transit X)
Number of pods needed to meet peak demand Distance per pod per year Pod garage volume [unit: cubic shipping containers]	4,870 210,232 6	(18% of people conven	ient to Transit X)
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Number of pods needed to meet peak demand Distance per pod per year Pod garage volume [unit: cubic shipping containers] Cost of pods Cost of pod per person Project finances Total project cost (privately financed)	4,870 210,232 6 \$24,350,000 \$176	(18% of people conven pods km	ient to Transit X)
Number of pods needed to meet peak demand Distance per pod per year Pod garage volume [unit: cubic shipping containers] Cost of pods Cost of pod per person Project finances Total project cost (privately financed) OPEX (O&M) per year	4,870 210,232 6 \$24,350,000 \$176 \$204,965,888 \$25,528,962	(18% of people conven pods km	ient to Transit X)
Number of pods needed to meet peak demand Distance per pod per year Pod garage volume [unit: cubic shipping containers] Cost of pods Cost of pod per person Project finances Total project cost (privately financed) OPEX (O&M) per year Private equity	4,870 210,232 6 \$24,350,000 \$176 \$204,965,888 \$25,528,962 \$61,489,767	(18% of people conven pods km	ient to Transit X)
Number of pods needed to meet peak demand Distance per pod per year Pod garage volume [unit: cubic shipping containers] Cost of pods Cost of pod per person Project finances Total project cost (privately financed) OPEX (O&M) per year Private equity Financed	4,870 210,232 6 \$24,350,000 \$176 \$204,965,888 \$25,528,962 \$61,489,767 \$143,476,122	(18% of people conven pods km	ient to Transit X)
Number of pods needed to meet peak demand Distance per pod per year Pod garage volume [unit: cubic shipping containers] Cost of pods Cost of pod per person Project finances Total project cost (privately financed) OPEX (O&M) per year Private equity Financed Gross Revenue from fares	4,870 210,232 6 \$24,350,000 \$176 \$204,965,888 \$25,528,962 \$61,489,767 \$143,476,122 \$305,613,361	(18% of people conven pods km	ient to Transit X)
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Number of pods needed to meet peak demand Distance per pod per year Pod garage volume [unit: cubic shipping containers] Cost of pods Cost of pod per person Project finances Total project cost (privately financed) OPEX (O&M) per year Private equity Financed Gross Revenue from fares EBITA (Profit) Debt service Fees and taxes OPEX + Debt service + Tax + Fees Net income Operating Margin Project costs — per person Number of motor vehicles displaced Yearly cost of cars displaced — per person	4,870 210,232 6 \$24,350,000 \$176 \$204,965,888 \$25,528,962 \$61,489,767 \$143,476,122 \$305,613,361 \$280,084,399 \$21,521,418 \$15,280,668 \$62,331,049 \$243,282,312 92% \$1,480 70,609 \$4,590	(18% of people convention pods) km sc3 motor vehicles	ient to Transit X) 355,338 miles
Number of pods needed to meet peak demand Distance per pod per year Pod garage volume [unit: cubic shipping containers] Cost of pods Cost of pod per person Project finances Total project cost (privately financed) OPEX (O&M) per year Private equity Financed Gross Revenue from fares EBITA (Profit) Debt service Fees and taxes OPEX + Debt service + Tax + Fees Net income Operating Margin Project costs — per person Number of motor vehicles displaced Yearly cost of cars displaced — per person Operating costs per passenger-mile	4,870 210,232 6 \$24,350,000 \$176 \$204,965,888 \$25,528,962 \$61,489,767 \$143,476,122 \$305,613,361 \$280,084,399 \$21,521,418 \$15,280,668 \$62,331,049 \$243,282,312 92% \$1,480 70,609 \$4,590 \$0.10 572,094	(18% of people convention pods) km sc3 motor vehicles	
Number of pods needed to meet peak demand Distance per pod per year Pod garage volume [unit: cubic shipping containers] Cost of pods Cost of pod per person Project finances Total project cost (privately financed) OPEX (O&M) per year Private equity Financed Gross Revenue from fares EBITA (Profit) Debt service Fees and taxes OPEX + Debt service + Tax + Fees Net income Operating Margin Project costs — per person Number of motor vehicles displaced Yearly cost of cars displaced — per person Operating costs per passenger-mile Breakeven revenue distance per day	4,870 210,232 6 \$24,350,000 \$176 \$204,965,888 \$25,528,962 \$61,489,767 \$143,476,122 \$305,613,361 \$280,084,399 \$21,521,418 \$15,280,668 \$62,331,049 \$243,282,312 92% \$1,480 70,609 \$4,590 \$0.10	(18% of people convention pods) km sc3 motor vehicles	



Impact of proposed network

101,103 metric tons CO ₂	Reduction in CO2 emissions
\$14,095,984	Est. cost to maintain 276 km roadway
11,315 metric tons	Reduced waste products per year
423 hrs/person	Travel time saved per year
\$2,797	Cost savings per capita per year from reduced car ownership
20%	Increase in household income from time saving and car costs
635	Reported injuries avoided per year
6	Lives saved per year
1,624,007 m ²	Land freed from parking (401 acres)
\$1,624,007 per year	and its commercial value
High	Health care savings
1 to 3 °C	Heat island mitigation from replacing asphalt with green space
TBD °C	Change in global temperature
TBD mm	Decrease in sea level

Model Inputs

•			
Ratio of road length to track length	4		
Convenient walk time to Transit X route	5	min.	
Walking speed	4.9	km/h	3 mph
Width of convenient swath along track	0.82	km	1 miles
Fixed cost for main route per km	\$3,100,000		
Fixed cost per km for branch	\$1,550,000		
Percentage of Dual Track	46%		
Project cost per km for track	\$2,269,975		
Water tunnel: additional cost per km	\$13,000,000		
High-speed X Way: additional project cost per km	\$10,000,000		
Median distance traveled per person per year (for trips under 1600 km)	14,500	km	9,006 miles
Mode share % of people convenient to Transit X	<u>85%</u>	at 5 min walk.	
Percentage of daily travel during peak hour	20%		
Max capacity: number of pods per km of track	150	pods	
Max track capacity during peak hour as % of capacity	20%		
Average speed of pod	72	km/h	45 mph
Average # of trips for people riding Transit X	3	per day	
Average occupancy per pod during peak hours	2	people	
Average occupancy per pod	1.25	people	
Maximum occupancy per pod	5	people	
Empty pods: Percentage non-revenue vehicle travel	25%		
Cost per pod	\$5,000		
Median per capita (15 yrs+) income (US\$)	30,000		
Base fare per km	\$0.30		
(per mile)	\$0.48		
O&M as % of project cost	<u>5%</u>		
O&M as % of gross revenue	<u>5%</u>		
Percentage debt financed	<u>70%</u>		
Length of loan/debt	<u>10</u>	years	
Interest rate for debt	<u>5%</u>		
kg CO2 emissions per liter of gasoline	2.37		
Monetary value of 1 hour personal time	7.5		
Eat. roadway maintenance per year per km	<u>\$51,000</u>		
Area of one parking lot space	23	m²	247 sf
Commercial income of land	\$1	per m²	
Distance from roadway that is convenient	0.25	km	
Stops per km	2.0		
Solar panel area per meter of track	1.5		
Global Horizontal Irradiance (GHI)	<u>3.8</u>	kWh/m²/day	

Pod & Car

	Pod	Car
Service life (years)	20	12
Full cost of vehicle per year	\$200	\$9,000
Public cost to maintain infrastructure (per km)	\$0	\$100,000
Energy Efficiency in MPGe	1188	24
Energy Efficiency in liters/100km	0.20	9.8
Energy used (Watt-hours/km)	28	1375
mass of CO2 per vehicle per km (kg)	0	0.09875
Vehicle mass (kg)	45	1950
Average speed of travel (km/h)	72	16
Typical travel time (in minutes) for 8 km trip	7	30
Fare/cost per km	\$0.30	\$0.62
Number of deaths per 100M passenger-km	0.00001	1
Number of injuries per 100M passenger-km	0.0006	62
Volume to park (cubic meters)	5.7	70.9

Currency conversion

Equal to US\$1 1





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).

	Note: Inputs have box outl	ine	
Municipal rates			
Total commercial land area	3,000,000	m²	32,289,000 sq ft. (741.3 acres)
Total commercial income to muni	\$3,000,000		
TXCR (Transit X Commercial Rate)	\$1.00	per m²	
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.			
Project Revenue			
Length of Transit X route	80	km	49 miles
Estimated gross revenue per unit length	\$3,840,939	per km	
Municipal Tax	% of gross revenue with	n minimum.	
1% gross revenue	\$38,409	per route-km	
Minimum per year	\$1,421	per route-km	\$2,292 per route-mile
Air Rights Leasing Fee	% of gross revenue with	n minimum. F	Proportioned based on length.
% of route on municipal land	90%		
4% gross revenue	\$153,638	per route-km	
Minimum per year	\$1,421	per route-km	\$2,292 per route-mile
Taxes and Fees			
Paid to Municipality	\$14,058,215	per year	
with minimum	\$214,804		
Paid to Private land owners	\$1,222,453		

\$11,305

...with minimum

Footprint calculations for minimum fee

Pod Stop

23 m (75 ft)

Yearly fees and taxes

Silhouette

6.4 m (21 ft)

Side
Silhouette

ImpedimentSilhouette

Note: Diagrams for illustrative purposes.

Pedestrian Envelope

Pole

Footprint Calculations	Metric	Imperial
Track width	<u>0.41</u> m	16.1 inches
Track height	<u>0.61</u> m	24.0 inches
Pole diameter	<u>0.3</u> m	11.8 inches
Pole cross section	<u>0.07</u> m ²	0.8 sf
Stop landing area	<u>1</u> m ²	10.8 sf
width	<u>1</u> m	39.4 inches
length	<u>1</u> m	39.4 inches
Ramp length	<u>21</u> m	68.9 feet
Pole span	<u>23</u> m	75.5 feet
Number of poles per unit length	43.5 poles per km	70.0 poles per mile
Pole height	<u>6</u> m	19.7 feet
Single track	1126.7 m ²	12124 sf
Area of Side Silhouette	688.3 m ²	7406 sf
Area of Top Silhouette	423.1 m ²	4553 sf
Impediment Area (adjusted)	15.4 m ²	165 sf
Dual track	1536.7 m ²	16535 sf
Area of Side Silhouette	688.3 m ²	7406 sf
Area of Top Silhouette	833.1 m ²	8964 sf
Impediment Area (adjusted)	15.4 m ²	165 sf
Stop	51.8 m ²	558 sf
Area of Side Silhouette	25.6 m ²	276 sf
Area of Top Silhouette	21.2 m ²	228 sf
Impediment Area (adjusted)	5.0 m ²	54 sf
Stops	2 stops per km	3.2 stops per mile
% of dual track	46%	0.2 Stops per fille
70 Of Gual track	4070	
Average area per unit length	1,421 m² per route-km	24,659 sf per route-mile
Contract values		
% gross revenue for muni tax/fee	1%	
% gross revenue for air rights	4%	
Impediment Factor	5	



Fair Fare Policy

Fares will be similar to existing mass transit, and several times less than taxis or ride-sharing services. Transit X Fair Fare is a universal passenger fare model that applies to all regions and all times. Fares are proportional to the median income of the area and inversely proportional to per capita use, so the more people that use Transit X, the lower the base fare. Market-rate fares are offset by Half-price fares. There are no pre-set escalations.

		Initial	50% share	+50% Income	90% Usage
Median income per capita	US\$	30,000	\$30,000	\$45,000	\$30,000
Nominal fare	US\$	0.3	\$0.30	\$0.45	\$0.30
Per Capita Usage %		1%	50%	50%	90%
Discount for usage	US\$	0.0015	\$0.08	\$0.11	\$0.14
Base Fare (US\$)	per km	0.30	\$0.23	\$0.34	\$0.17
per pass	enger-mile	0.48	\$0.36	\$0.54	\$0.27
% Fares at Market rate		<u>20%</u>	<u>30%</u>	<u>40%</u>	<u>50%</u>
% Fares at Base rate		80%	60%	40%	20%
% Fares at Half Base rate		0%	10%	20%	30%
Estimated average fare	per km	0.48	\$0.42	\$0.71	\$0.39

Price comparison with common travel modes (in Boston, USA)

	Mode »	Bus	Commuter Rail	Subway	Personal Car	Taxi / TNC's
Average distance (km)		5	18	8	8	5
Price per trip	US\$	\$1.85	\$8.00	\$2.50	\$6.00	\$12.00
Typical price per km	US\$	\$0.37	\$0.44	\$0.31	\$0.75	\$2.40

Base Inputs

Median travel distance per capita per year (under 1000 mile trips)	20,000	km
% of per capita median income for 20,000 km transportation	<u>20%</u>	
Fare Discount when Transit X travel per capita is 20,000 km per year	50%	