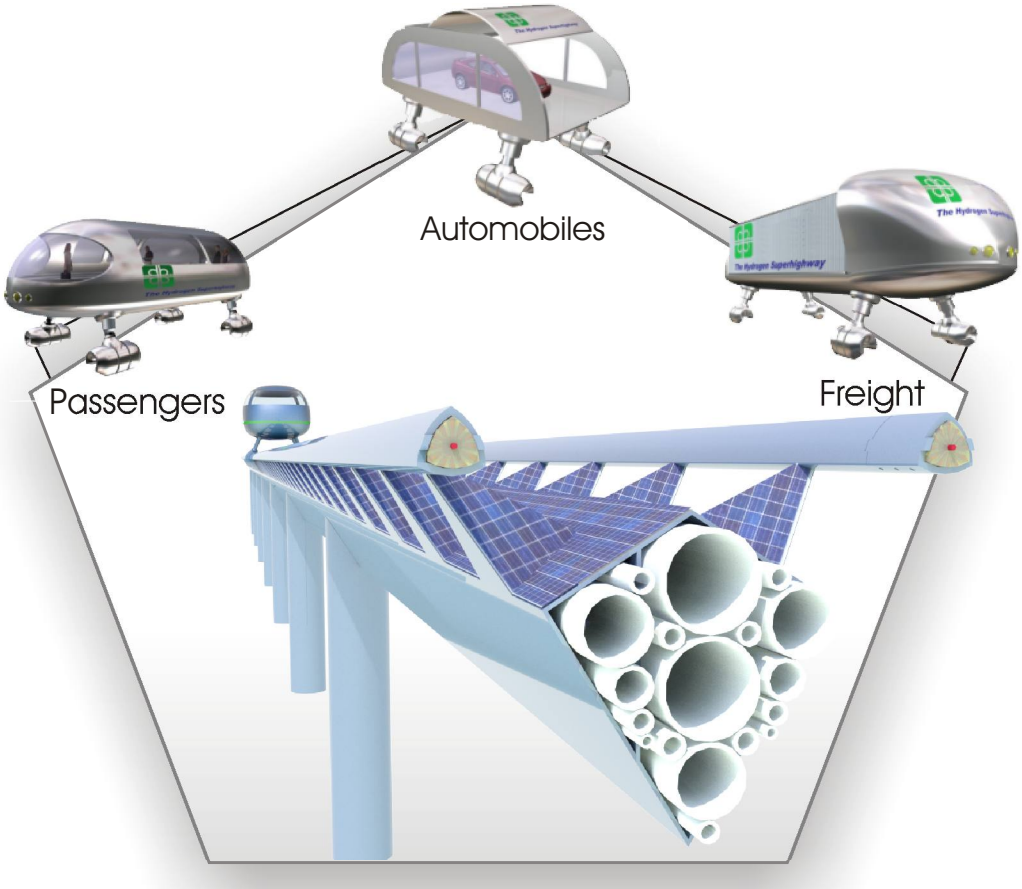
WorldWide
Hydrogen Super Highways
Elevated Rail System
Preliminary Proposal
Bangkok Thailand
248.6KM



- www.HyRail.us -
- www.InterstateTraveler.us -
- www.ElevatedRailSystems.com -
- www.HydrogenSuperHighway.com -

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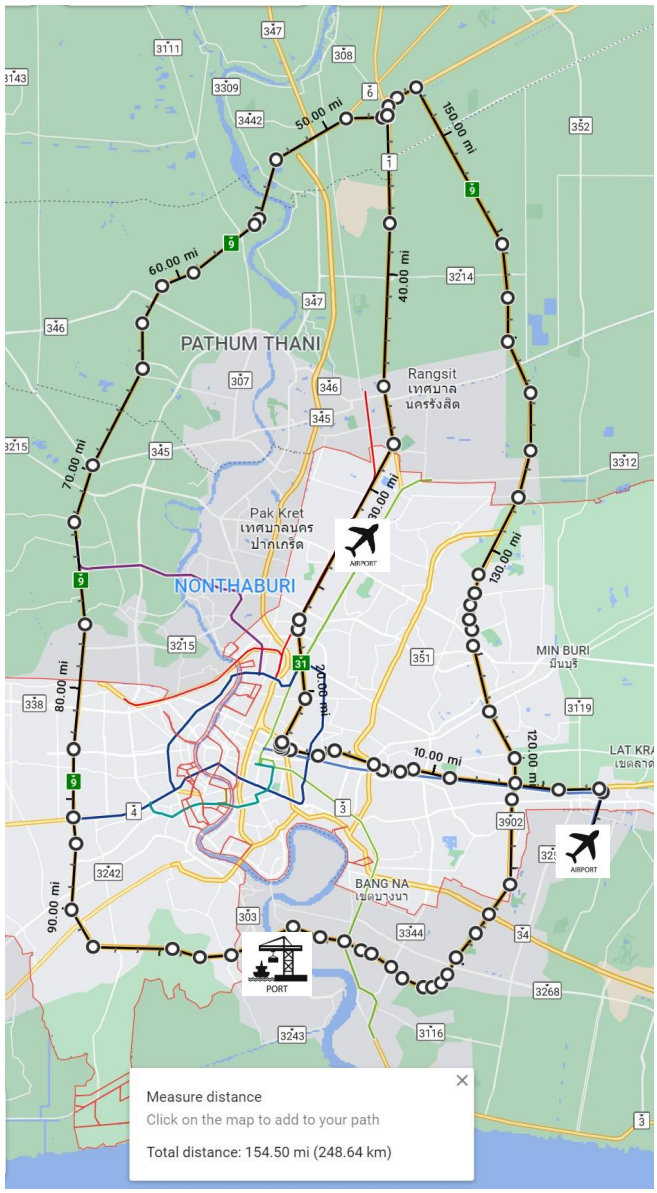
Hydrogen Super Highway

Preliminary Elevated Rail System Proposal

Bangkok Thailand

248.6 KM - $8.95B



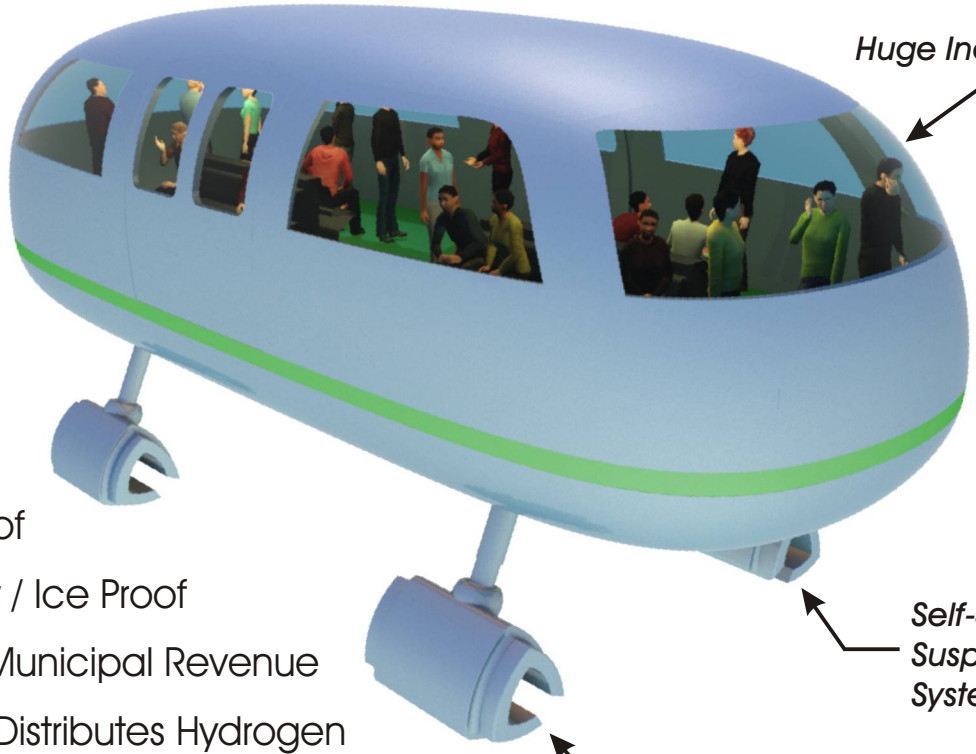
Authored, Typeset & Designed by Justin Eric Sutton

Made Possible by the Support of
The Interstate Traveler Company, LLC

February 22nd 2022

The Interstate Traveler

Hydrogen Super Highway (HSH) - MagLev Public Transit Network



Fast

Safe

Quiet

Clean

Quality

Weatherproof

Sand / Snow / Ice Proof

Generates Municipal Revenue

Generates, Distributes Hydrogen

Generates, Distributes Clean Water

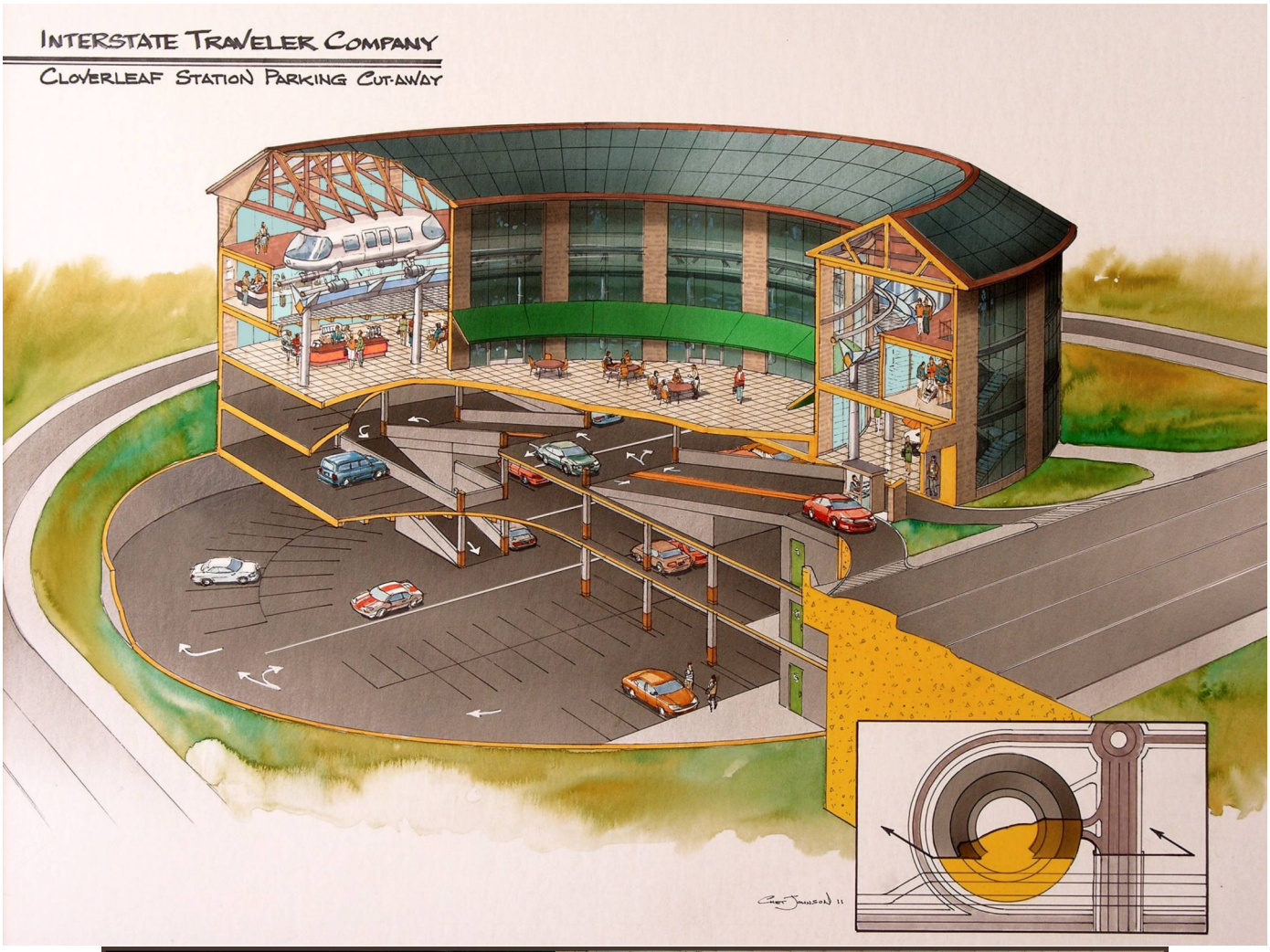
Generates, Stores, Distributes Surplus Power

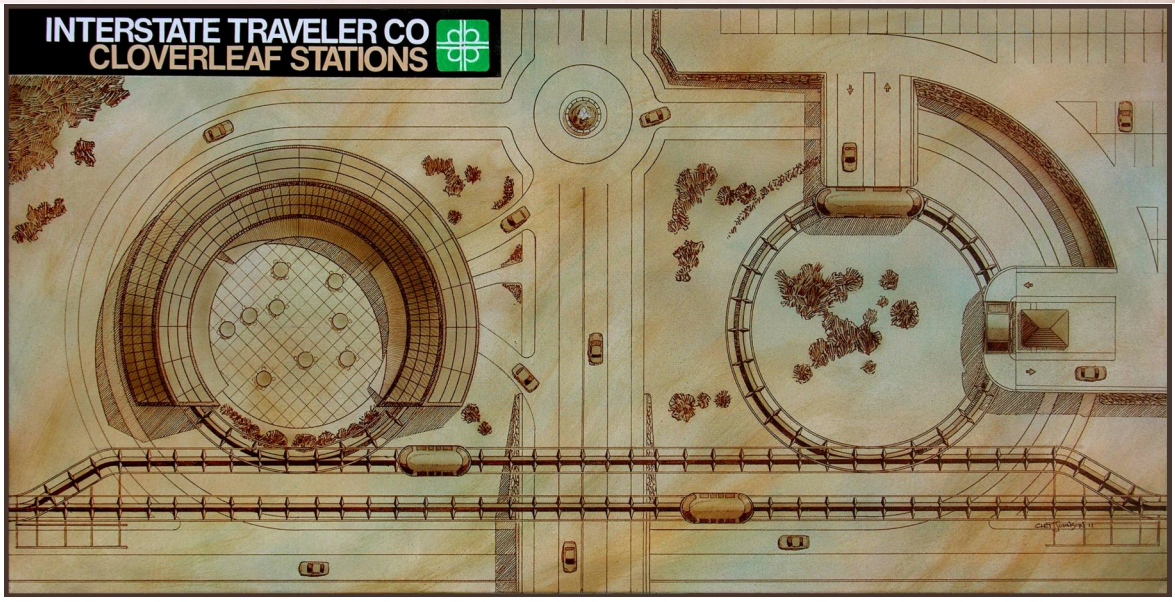
Creates Thousands of Good Paying Long-term Jobs

Creates Regional Integrated On-demand Transportation Network

The Traveler Station

The keys to success for public transportation infrastructure systems are accessability and availability. The Traveler Stations ensure maximum access with a seamless integration of local transit with the HSH system. Traveler Stations built within the cloverleaf landlocked spaces at highway interchanges will enable easy access to parking, ride share, vehicle rental services and amenities that, in form and function, will rival any public transit stop in the world.





Per Capita Revenue Share

50 / 50 Revenue Share on Public Rights of Way

In the United States, the Interstate Traveler Company, LLC has established a Per Capita Revenue Share model where half of the revenue gathered from operations on public rights of way are paid over to the same via our proposed P3 agreement that will govern the revenue share distribution to all municipal governments State by State. The architecture of the P3 agreement is activated by executive authority of the Governor granting right of way (Interstate Highway) to build the HSH establishing the revenue share structure at the same time.

National standardization is key so that All municipalities become beneficiary to the revenue of the Public rights of way generated by the HSH system. The State level authorization insures that All municipalities State-wide become immediate beneficiaries of the HSH system with the opening of the first 100 mile segment no matter where it is built in the State. Along with the direct municipal revenue share the general Public will be able to apply for Grants from any of the four Public Trusts established forthwith.

Estimated Revenue Share on a 100 Mile HSH installation with 100 Stations and 300 Transports in dense urban development such as proposed herein is projected to exceed $1.0B USD/Year and will increase as the system is expanded. Revenue estimates are as follows:

1/8th to the Federal Treasury	12.5%	$125M USD/Year
1/8th to the State Treasury	12.5%	$125M USD/Year
1/8th to the Counties Per Capita	12.5%	$125M USD/Year*
1/8th to Local Gov Per Capita	12.5%	$125M USD/Year*
1/8th to State Trust for Medical	12.5%	$125M USD/Year
1/8th to State Trust for Educational	12.5%	$125M USD/Year
1/8th to State Trust for Recreational	12.5%	$125M USD/Year
1/8th to State Trust for Historical	12.5%	$125M USD/Year

Other Rights of Way such as existing Toll Roads, Rail Roads and utility rights of way will each receive the full and undivided 50% revenue share.

* for a population of 10,000,000 people in residence of the State the per capita revenue paid is $12.50 per person in residence as reported by the most recent US Census.

Ten Primary Deliverables

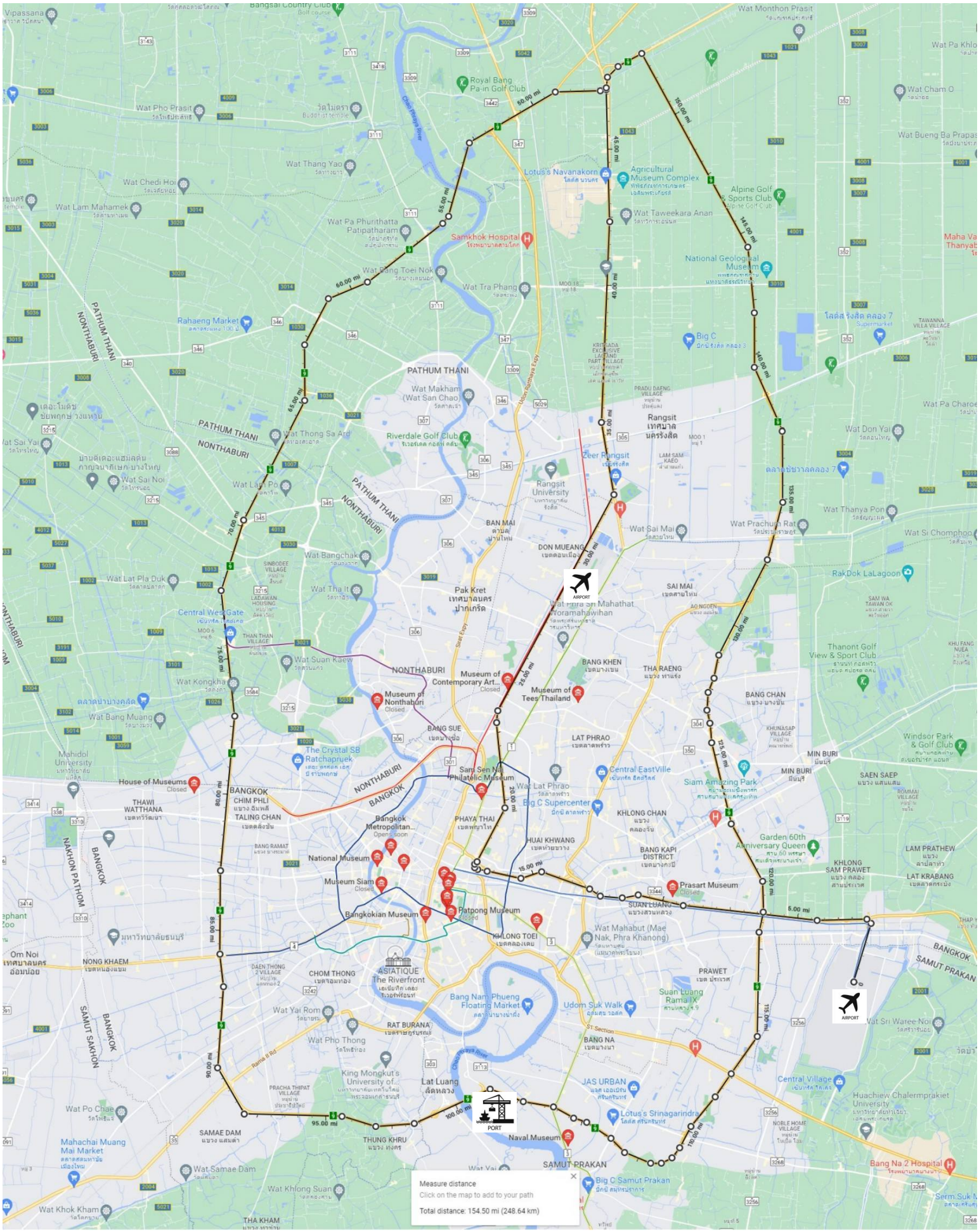
Rapid Transit	= $ /minute
Advertising	= $ /sign
Hydrogen	= $ /kilogram
Electricity	= $ /kilowatt
Energy Storage	= $ /kilowatt
Fiberoptics	= $ /bandwidth
Fuel pipelines	= $ /gallon or Ft^3
Liquid waste	= $ /barrel
Brand New Water	= $ /liter
Internet / Telecom	= $ /minute

Regional Economic Development

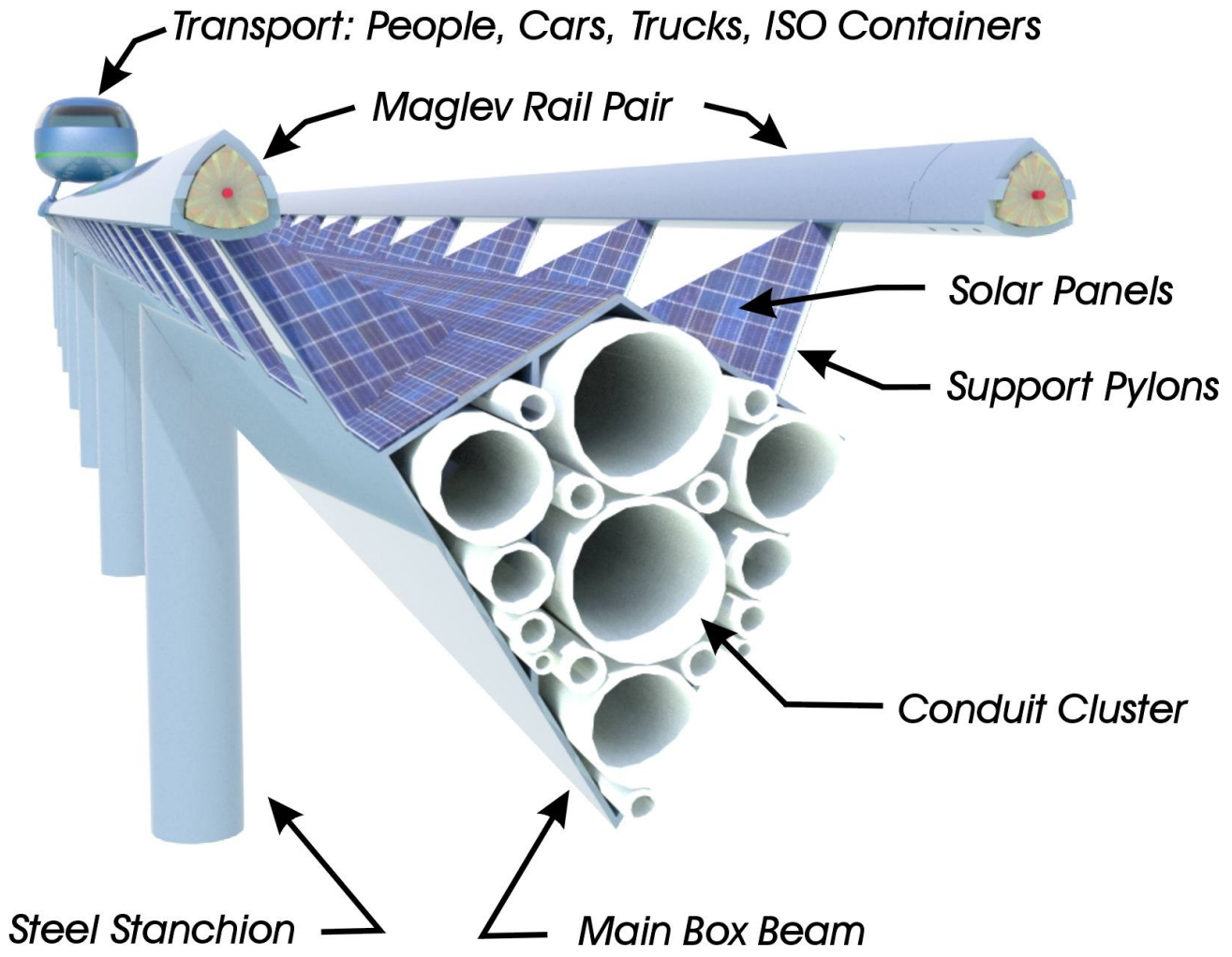
Long term employment from the construction, operations and expansion of the HSH Elevated Rail System will lead to sustained regional economic development as well as stabilization of municipal revenue, property values and access to municipal services by the general public.

The presence of reliable transportation and infrastructure that is resilient to extreme weather and will even withstand hurricanes, floods, tornados and earthquakes gives greater confidence to businesses looking to invest in the local market. The HSH gives greater access to markets for a larger percentage of the population limited by unreasonable drive times by car. The HSH increases access to employment opportunities city by city and will create a general increase in land value to support the investments in Opportunity Zones.

Interconnecting local, regional and airport transit systems the HSH will bridge the gap of time and distance for travelers of every destination, increasing access to employment opportunities city by city with a safer, faster and more reliable long distance transportation system increasing the quality of life for everyone.


Measure distance
Click on the map to add to your path
Total distance: 154.50 mi (248.64 km)

HSH Elevated Rail System Cross-Sectional Diagram



HSH Bangkok Thailand - 248KM City Loop
Don Mueang International Airport
&
Suvarnabhumi Airport
Est Cost - $8.95B USD

Interstate Traveler Company, LLC

HSH - Bangkok Thailand	Total KM of Primary Rail	248.6	
	Edit Values in Yellow to Recalculate		
Project Summary and Analysis Tool			
Total Miles (Including Side Track and Main Line)		230.14	
Total Kilometers (Including Side Track and Main Line)		370.60	
Total Pedestrian Passenger Transports		505	
Total Simultaneous Passenger Capacity		50,000	
Total Car Transports		500	
Total Freight Transports		500	
Total Square Feet of Solar (Rail)		19,442,447	pv-sqft
Total Area of PV in Acres:		446	/acres
Total Watts / Square Feet		20	
Total Watts / Hour		388,848,937	
Total Solar Hours		6	
Total Watts per Day		2,333,093,622	
Total Watts per Year		851,579,171,942	
Total KW per Year		851,579,172	
Average Value / Kw		$0.10	
Average Annual Kw Value		*$85,157,917.19*	/year
Total Cost for System		$8,957,065,093.36	
Projected Annual Revenue		$7,672,781,400.00	(Fairbox, Rent, Advertising only)
Return on Investment (after operational 100% Rev)		1.17	Years
Return on Investment (after operational 50% Rev)		2.33	Years -ROI
Return on Investment (50% Rev +Startup Time)		3.91	Years
Public Share on Public ROW		50%	
Projected Annual Income (Private)		*$3,836,390,700.00*	
Projected Annual Public Share		*$3,836,390,700.00*	
Total Expected Direct Employment		**13,675**	JOBS Hospitality and Concierge

	Rail Installation Analysis Bangkok Thailand
249	Kilometers Primary Route
371	Kilometers of Rail (Total Inclusive of Side Track)
205	Traveler Stations (Not Including Car Transport Ramps)
3	Lease Hold Business / Traveler Station
615	Total New Business
10	Employees / Business
6,150	Total Employees working in Traveler Stations
1,505	Transports on System
5	Concierge / Transport
7,525	Concierge Employees
13,675	Total Employees (estimated)

Interstate Traveler Co. LLC

February 22, 2022

Rail Installation Analysis Bangkok Thailand

248.6 *Total KM*

1 mile = 5,280 feet | 1 Kilometer = 3278 feet

154.47 miles

Rail and Utility Substation Costs/Kilometer

Qty	Units	Description	Cost	Amount	
4	Kilometer	AMSC HTS Super Conductor Wire	$120,000.00	$480,000.00	
2	Kilometer	Solar Panel 72" wide x 1 Kilometer long.	$871,948.00	$1,743,896.00	8 ' x 1 ' section c
2	Kilometer	Concrete 3'x3' x 12' concrete Piers	$0.00	$0.00	
2	Kilometer	Steel for Rail Tubing / Stanchion / Central Support	$1,273,532.80	$2,547,065.60	20.9436183371
33	Kilometer	Supplemental Conduit	$3,278.00	$108,174.00	$1 / per foot
2	Kilometer	Fiber Optics	$16,000.00	$32,000.00	figured at $5/ft ye
0.25	Units/Kilometer	Full Function Utility Substation	$3,000,000.00	$750,000.00	One every FOUR
1	Labor/Kilometer	100 people working simultaneously / 1 week	$100,000.00	$100,000.00	$52k / Annual Sa
5	Kilometer	Site work / demolition / adjustment to overhead lines	$100,000.00	$500,000.00	
9	Kilometer / pair of rails	Solid-state Magnets	$655,600.00	$5,900,400.00	$200 / foot * 327
		HSH Elevated Rail Structure + Fractional Utility Substation Costs / Kilometer		$12,161,535.60	
			Section Length (Feet)	88	
			Cost per Lineal Foot	$3,710.05	
			Cost per Section	$326,484.18	

Traveler Stations

Qty	Units	Description	Cost	Amount
0	Each	Grand Terminal Stations	$80,000,000.00	$0.00
0	Each	Cloverleaf Stations "Traveler Station"	$5,000,000.00	$0.00
0	Each	Car Ramp for Car Ferry w/ Parking Structure	$1,200,000.00	$0.00
0	Each	Air and Sea Port Construction / Integration	$90,000,000.00	$0.00
0	Kilometer	Side-trackage for Traveler Stations (.4KM/Station)	$12,161,535.60	$0.00
0	Kilometer	HSH Service Station + Staging Area Budget	$20,000,000.00	$0.00
0	Each	Basic Access Point, parking, freight access, etc	$500,000.00	$0.00
				$0.00

Transports

Qty	Units	Description	Cost	Amount
0	Each	Grand Public Car	$8,000,000.00	$0.00
0	Each	Commuter Public Car	$2,000,000.00	$0.00
0	Each	Freight Car (ISO 40' Shipping Container)	$1,500,000.00	$0.00
0	Each	Car Ferry (cars, small vehicles and pedestrians)	$1,500,000.00	$0.00
0	Each	Medical Transport	$5,000,000.00	$0.00

Rail Installation Check List

20 *Enter Watts/SqFt value for Solar Panels here*

Qty	Units	Description	Cost	Amount
248.60	Kilometer	HSH - Primary Right of Way	$12,161,535.60	$3,023,357,750.16
122.00	Kilometer	Side-trackage for Traveler Stations (.4KM/Station)	$12,161,535.60	$1,483,707,343.20
154.47	Miles	Essential Lineal Parallel Track		
	Stations and Terminals			
5	Each	Grand Terminal Stations	$80,000,000.00	$400,000,000.00
200	Each	Cloverleaf Stations "Traveler Station"	$5,000,000.00	$1,000,000,000.00
100	Each	Car Ramp for Car Ferry w/ Parking Structure	$1,200,000.00	$120,000,000.00
100	Each	Basic Access Point, parking, freight access, etc	$500,000.00	$50,000,000.00
1	Each	HSH Service Station + Staging Area Budget	$20,000,000.00	$20,000,000.00
1	Each	Bridges and Unique Structures	$25,000,000.00	$25,000,000.00
3	Each	Air and Sea Port Construction / Integration	$90,000,000.00	$270,000,000.00
	Transports			
5	Each	Grand Public Car (GPC)	$8,000,000.00	$40,000,000.00
500	Each	Pedestrian Commuter Public Car	$2,000,000.00	$1,000,000,000.00
500	Each	Freight Car	$1,500,000.00	$750,000,000.00
500	Each	Car Ferry (cars, small vehicles and pedestrians)	$1,500,000.00	$750,000,000.00
5	Each	Medical Transport	$5,000,000.00	$25,000,000.00
505	Total Commuter Cars	**Total Cost for Interstate Traveler Installation**		**$8,957,065,093.36**
-		Cost of Steel at 1200 dollars per ton at 30 tons per section		$729,091,756.80 9%
500	Total Car Ferry	**Balance**		**$8,227,973,336.56** 92%
1,005	Total "Pedestrian" Transports			
305	Total Stations Cars and People			
4.93	Total Cars / Station			
		Cost per Kilometer Complete System		$24,169,090.92
		Cost per Mile Complete System		$38,919,631.10

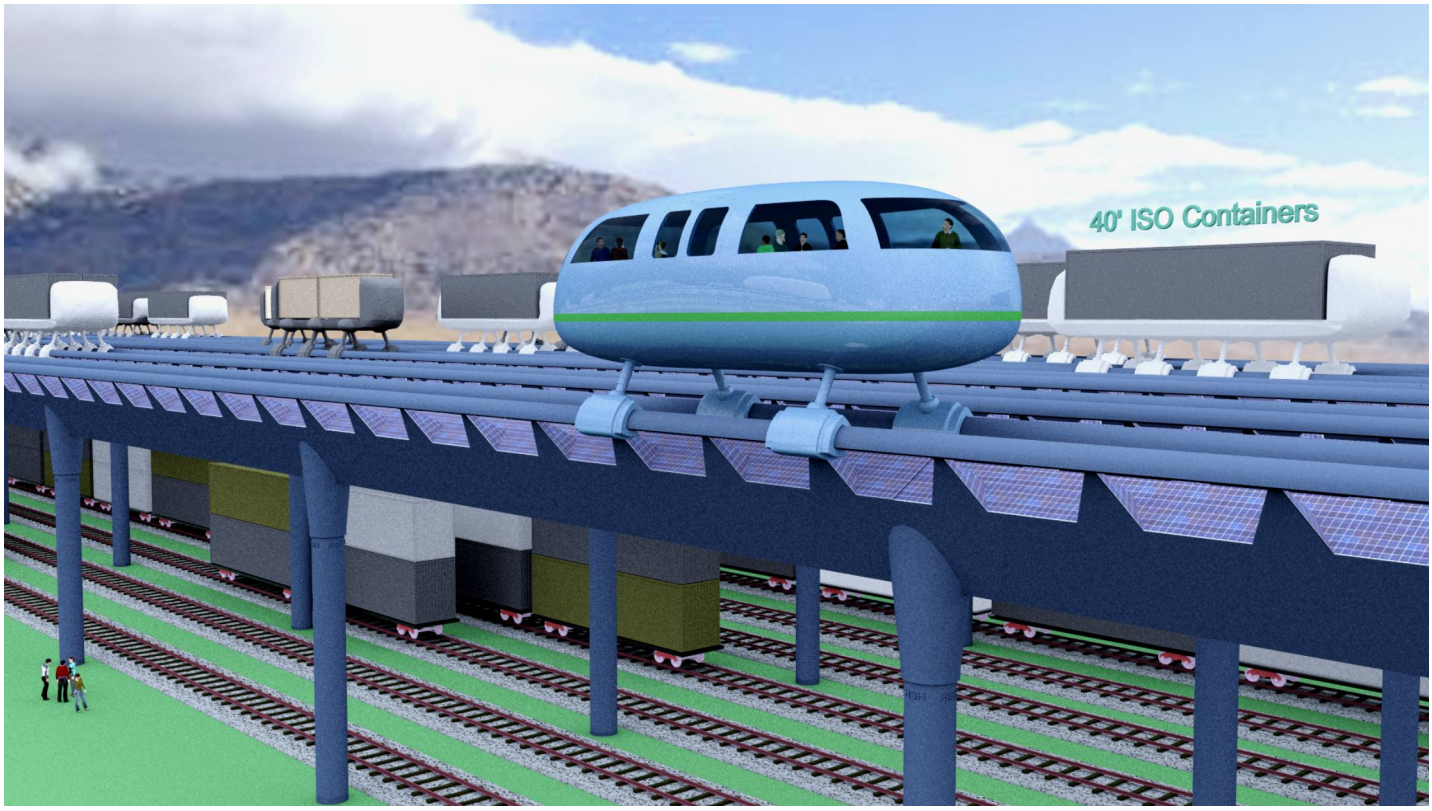
Interstate Traveler Co. LLC

February 22, 2022

Return on Investment - HSH Bangkok Thailand

Rail Return On Investment via Fairbox Collections, Freight, Rent, Advertising

	Grow budget by x percent:	0%	
		230.14	Total Miles of Track
Steps:		**370.60**	Total KM of Track
1	Passenger Fee / Minute	$0.50	
2	Car Transport Fee / Minute	$5.00	
3	Freight Fee / Ton Mile	$1.00	Ton Mile
4	Total Tonnage Per Freight Transport	10	Tons
5	Average Distance in Miles per Ton on Freight	750	Miles
6	Number of Freight Cars	500	
7	Total Simultaneous Capacity in Tonnage	5,000	
8	Total Ton / Mile in Freight @ 750 Miles	3,750,000	Ton/Miles Per Day
9	Freight Transports Total Projected Use **Annually**	273,750,000	Ton/Miles per Year
10	Average Freight Delivery Time of 750 Miles @ 100MPH	7.50	Hours
11	Total Number of Freight 7.5 Hour Time Blocks / Day	1,600	Time Blocks Per Day
12	Freight Transports Projected Use as an Average over 24 hours	20%	Percent of Capacity
13	Number of Pedestrian Transports	500	
14	Passengers Per Car	100	People
15	Average Time of Trip for Pedestrian	12	Minutes
16	Total Simultaneous Capacity (Pedestrians Only)	50,000	
17	Total Number of 12 Minute Time Blocks / Day	120	
18	Total Daily Capacity (Average Time * Total Capacity)	6,000,000	
19	Pedestrian Projected Use as an Average over 24 hours	50%	Percent of Capacity
20	Pedestrian Total Projected Use **Daily**	3,000,000	Rides
21	Pedestrian Total Projected Use **Hourly**	125,000	
22	Pedestrian Total Projected Revenue **Daily**	$18,000,000.00	
23	Pedestrian Total Projected Use **Annually**	1,095,000,000	Rides
24	Pedestrian Total Projected Revenue **Annually**	$6,570,000,000.00	
25	Number of Car Transports	500	
26	Average Time of Trip for Car Transport	10	Minutes
27	Total Number of 10 Minute Time Blocks / Day	144	
28	Car Transports Projected Use as an Average over 24 hours	50%	Percent of Capacity
29	Car Transports Total Projected Use **Daily**	36,000	Rides
30	Car Transports Total Projected Revenue **Daily**	$180,000.00	
31	Car Transports Total Projected Use **Annually**	13,140,000	Rides
32	Car Transports Total Projected Revenue **Annually**	$657,000,000.00	
33	Pedestrian Revenue / Trip / Single Pedestrian at $0.5 /minute for 12 minutes	**$6.00**	Fee For Use on a Trip
34	Car Transports Revenue / Trip / Single Car Transport at $5 /minute for 10 minutes	**$50.00**	Fee For Use on a Trip
35	Efficiency Average Speed Traveled	100	Miles per hour
36	Efficiency Possible Distance Covered Traveling at 100mph for 12 minutes	20.0	Miles (Pedestrian)
37	**Relative Cost Per Mile Traveled for Pedestrian**	**$0.30**	**Dollars / Mile**
38	Revenue All Transports/ Annually	$7,227,000,000.00	Annual
39	Revenue for all Freight Transports	$273,750,000.00	Annual
40	Advertising Revenue Calculations	$152,855,400.00	Annual
41	Rent Revenue Calculations	$19,176,000.00	Annual
	Total Annual Revenue for All Transports / Advertising / Rent	**$7,672,781,400.00**	Annual
	Budget>> Cost for Installation for 230.15 miles	$8,957,065,093.36	Cost
	Total Projected Annual Revenue	$7,672,781,400.00	Annual Revenue
	Return on Investment at 100% of Revenue	1.17	ROI in Years if appeared overnight
	Enter Debt Service Fund Percentage	50%	
	Total Annual Debt Service Fund (P/P Partnership)	$3,836,390,700.00	
	Return on Investment using Debt Service Fund	2.335	Years



Hydrogen Super Highway