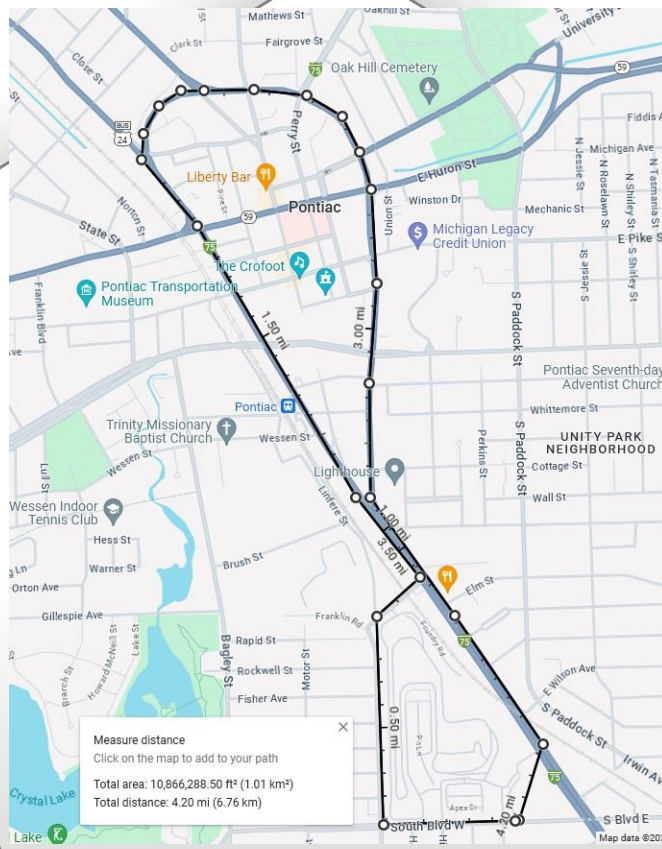


WORLDWIDE HYDROGEN SUPER HIGHWAYS M1 CONCOURSE & PONTIAC LOOP



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



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HSH ELEVATED RAIL SYSTEM

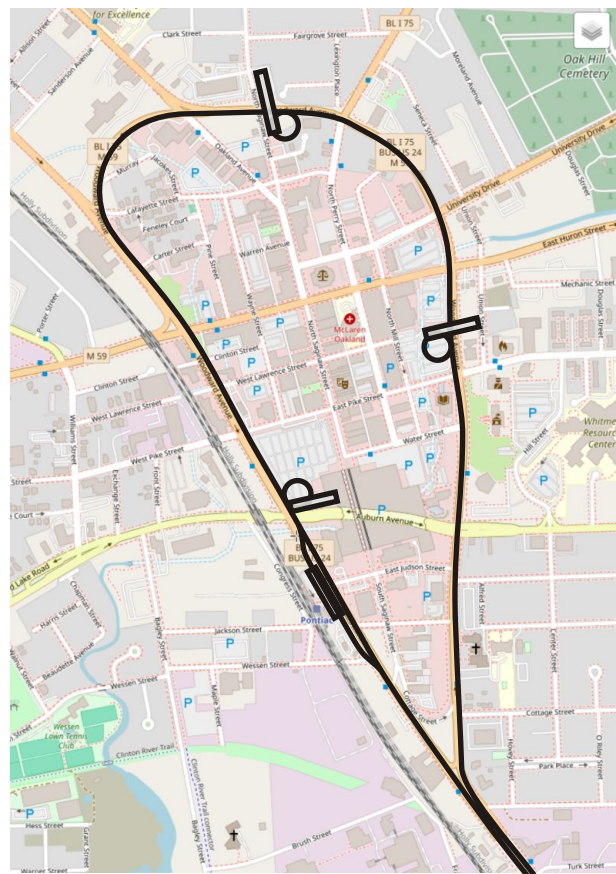
M1 CONCOURSE & PONTIAC LOOP

4.2MILE HALF-SCALE SINGLE TRACK

6 STATIONS - 6 TRANSPORTS - \$88.5M



M1 CONCOURSE



PONTIAC LOOP

REVISED JUNE 24TH 2024

AUTHORED, TYPESET & DESIGNED

BY

JUSTIN ERIC SUTTON

MADE POSSIBLE BY THE SUPPORT OF

THE INTERSTATE TRAVELER COMPANY, LLC

ALL RIGHTS RESERVED



Interstate Traveler Company, LLC

M1 Concourse & Pontiac Loop Half-Scale

KM Primary Right of Way 6.76

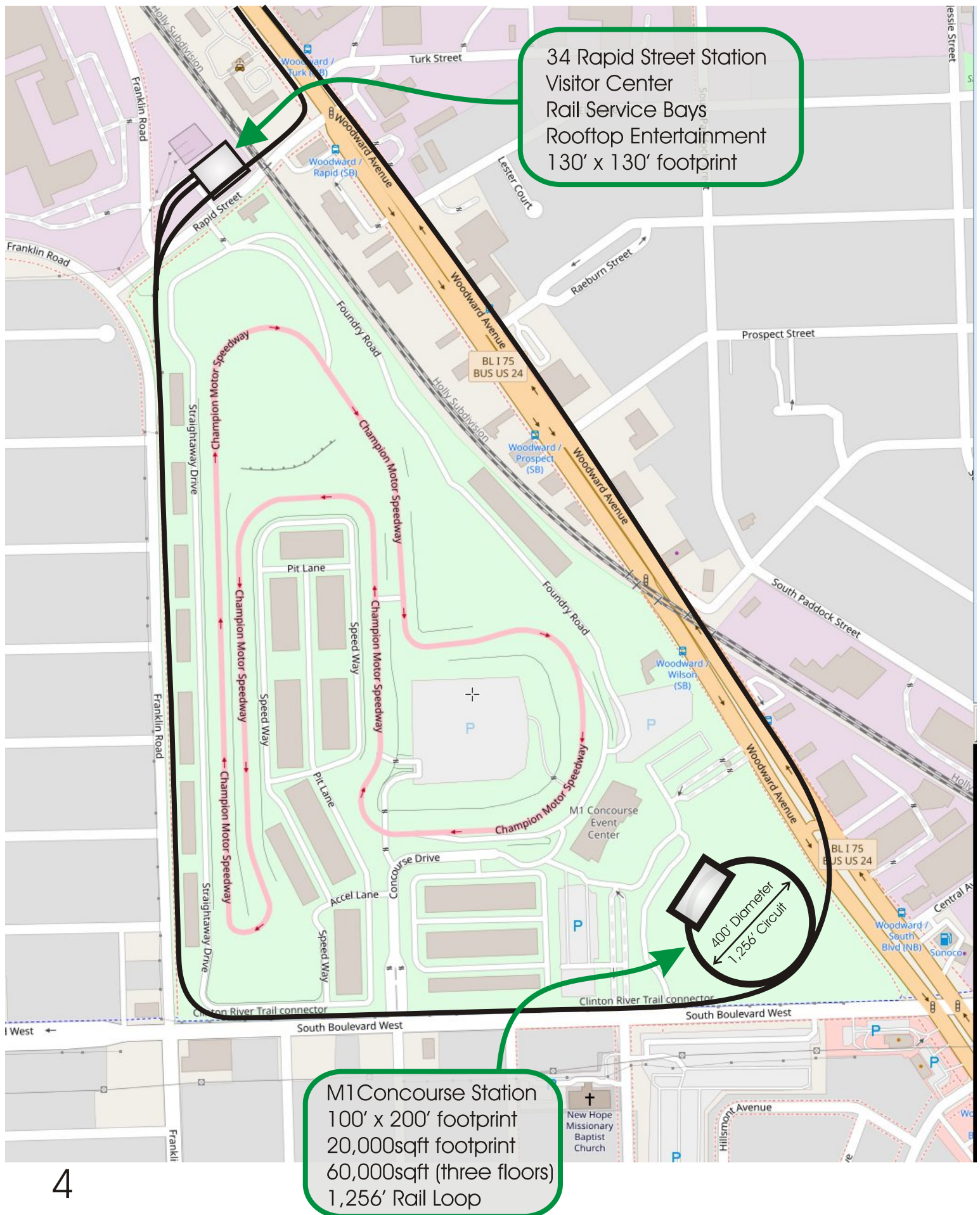
Edit Values in Yellow to Recalculate

Rail Scale 50%

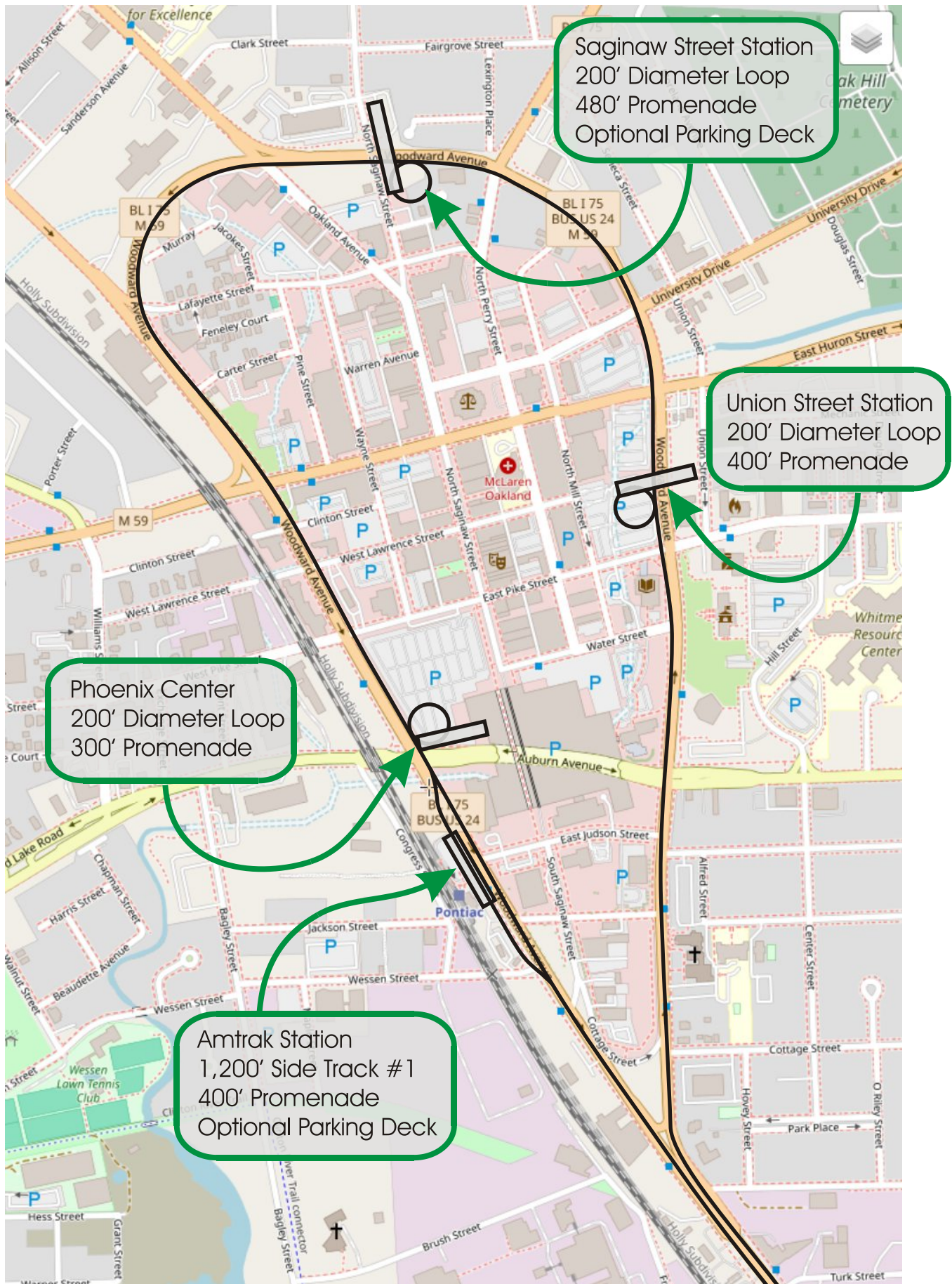
Project Summary and Analysis Tool

Total Miles (Including Side Track and Main Line)	5.05	
Total Kilometers (Including Side Track and Main Line)	8.14	
Total Pedestrian Passenger Transports	6	
Total Simultaneous Passenger Capacity	300	
Total Car Transports	0	
Total Freight Transports	0	
Total Square Feet of Solar (Rail)	213,521	pv-sqft
Total Area of PV in Acres:	4.90	/acres
Total Watts / Square Feet	20	
Total Watts / Hour	4,270,413	
Total Solar Hours	5	
Total Watts per Day	21,352,067	
Total Watts per Year	7,793,504,294	
Total KW per Year	7,793,504	
Average Value / Kw	\$0.10	
Average Annual Kw Value	\$779,350.43	/year
Total H2 Production Per Year	155,870	Kg/Year (50kw/kg)
Total Cost for System	\$88,497,449.89	
Projected Annual Revenue	\$9,973,260.00	(Fairbox, Rent, Advertisi
Return on Investment (after operational 100% Rev)	8.87	Years
Return on Investment (after operational 50% Rev)	17.75	Years
Return on Investment (50% Rev +Startup Time)	10.35	Years
Public Share on Public ROW	5%	
Projected Annual Income (Private)	\$9,474,597.00	
Projected Annual Public Share	\$498,663.00	
Total Expected Direct Employment	48	JOBS Hospitality and Cc

M1 CONCOURSE



PONTIAC LOOP



Interstate Traveler Co. LLC

June 23, 2024

Rail Installation Analysis

M1 Concourse & Pontiac Loop Half-Scale

6.76

KM Primary Right of Way

1 Mile = 5,280 feet

4.20 miles primary right of way

Rail and Utility Substation Costs/Kilometer

50% Scale

Qty	Units	Description	Cost	Amount	Notes
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	
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	
33	Kilometer	Supplemental Conduit	\$3,278.00	\$108,174.00	
2	Kilometer	Fiber Optics	\$16,000.00	\$32,000.00	
0.25	Units/Kilometer	Full Function Utility Substation	\$3,000,000.00	\$750,000.00	
1	Labor/Kilometer	100 people working simultaneously / 1 week	\$100,000.00	\$100,000.00	
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	
HSH Elevated Rail Structure + Fractional Utility Substation Costs / Kilometer - Full Scale Subtotal				\$12,161,535.60	
Scaled Price				\$6,080,767.80	
Section Length (Feet)				88	
Cost per Lineal Foot				\$1,855.02	
Cost per Section				\$163,242.09	

Traveler Stations

Qty	Units	Description	Cost	Amount	Notes
0	Each	Grand Terminal Stations	\$80,000,000.00	\$0.00	
0	Each	"Traveler Station"	\$4,500,000.00	\$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	Sidetrack to access Traveler Stations (.23KM/Station)	\$6,080,767.80	\$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	Notes
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' Container Flatbed	\$1,500,000.00	\$0.00	
0	Each	Car Ferry for Automobiles and Palletized Freight	\$1,500,000.00	\$0.00	
0	Each	Medical Transport - Mobile ICU	\$5,000,000.00	\$0.00	

Rail Installation Check List

20 Enter Watts/SqFt value for Solar Panels here

Qty	Units	Description	Cost	Amount	Notes
6.76	Kilometer	Primary Right of Way	\$6,080,767.80	\$41,105,990.33	
1.38	Kilometer	Sidetrack to access Traveler Stations (.23KM/Station)	\$6,080,767.80	\$8,391,459.56	
4.20	Miles	Essential Lineal Parallel Track			

Stations and Terminals

-	Each	Grand Terminal Stations	\$80,000,000.00	\$0.00	
6	Each	"Traveler Station"	\$4,500,000.00	\$27,000,000.00	
-	Each	Car Ramp for Car Ferry w/ Parking Structure	\$1,200,000.00	\$0.00	
-	Each	Basic Access Point, parking, freight access, etc	\$500,000.00	\$0.00	
-	Each	HSH Service Station + Staging Area Budget	\$20,000,000.00	\$0.00	
-	Each	Air and Sea Port Construction / Integration	\$90,000,000.00	\$0.00	

Transports

-	Each	Grand Public Car (GPC)	\$8,000,000.00	\$0.00	
6	Each	Commuter Public Car	\$2,000,000.00	\$12,000,000.00	
-	Each	Freight Car - ISO 40' Container Flatbed	\$1,500,000.00	\$0.00	
-	Each	Car Ferry for Automobiles and Palletized Freight	\$1,500,000.00	\$0.00	
-	Each	Medical Transport - Mobile ICU	\$5,000,000.00	\$0.00	

Total Cost for Interstate Traveler Installation **\$88,497,449.89**

Cost of Steel at 1200 dollars per ton at 30 tons per section **\$16,014,049.92** 22%

Balance **\$72,483,399.97** 82%

6 Total Commuter Cars

- Total Car Ferry

6 Total Transports

6 Total Stations

1.00 Total Cars / Station

8.1 Total Kilometers

5.1 Total Miles

0.714 Stations / Essential Lineal Mile

1.43 Cars/mile

6 Total Cars

6

Cost per Kilometer Complete System **\$10,871,922.59**

Cost per Mile Complete System **\$17,507,121.72**

Interstate Traveler Co. LLC

June 23, 2024

Return on Investment

M1 Concourse & Pontiac Loop Half-Scale

6.76 KM Primary Right of Way

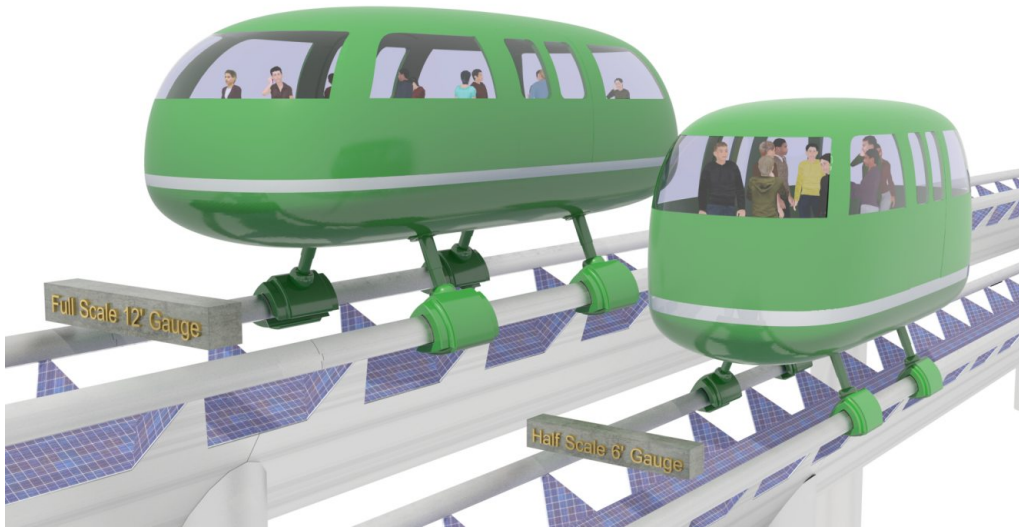
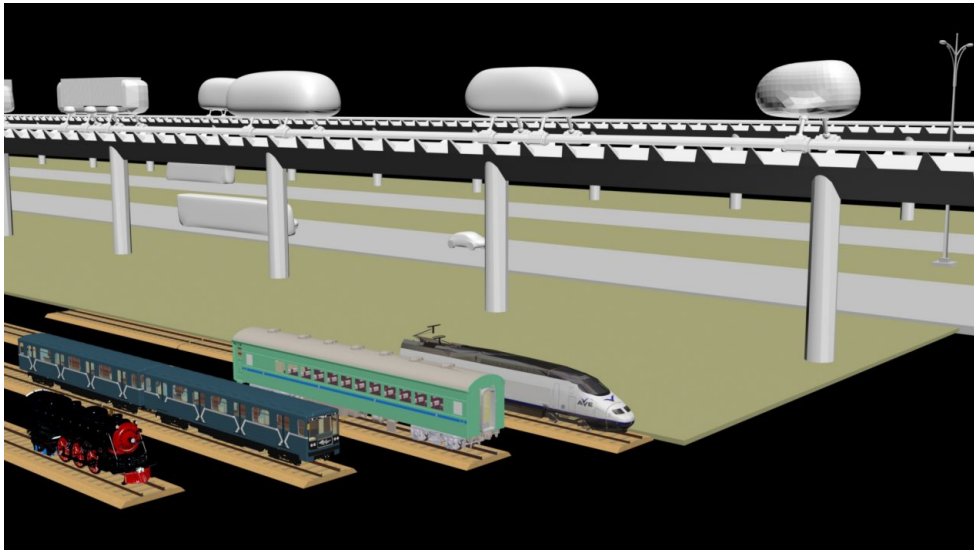
Rail Return On Investment via Fairbox Collections, Freight, Rent, Advertising

50% Rail Scale

Grow budget by X percent:

0%

Primary ROW + Side Track (Miles)		5.05	Total Miles of Track
Primary ROW + Side Track (Kilometers)		8.14	Total KM of Track
Steps:			
1	Passenger Fee / Minute	\$1.00	
2	Car Transport Fee / Minute	\$0.00	
3	Freight Fee / Ton Mile	\$0.00	Ton Mile
4	Total Tonnage Per Freight Transport	0	Tons
5	Average Distance in Miles per Ton on Freight	1	Miles
6	Number of Freight Cars	0	
7	Total Simultaneous Capacity in Tonnage	0	
8	Total Ton / Mile in Freight @ 1 Miles	0	Ton/Miles Per Day
9	Freight Transports Total Projected Use Annually	-	Ton/Miles per Year
10	Average Freight Delivery Time of 1 Miles @ 50MPH	0.02	Hours
11	Total Number of Freight 0.02 Hour Time Blocks / Day	0	Time Blocks Per Day
12	Freight Transports Projected Use as an Average over 24 hours	0%	Percent of Capacity
13	Number of Pedestrian Transports	6	
14	Passengers Per Car	50	People
15	Average Time of Trip for Pedestrian	5	Minutes
16	Total Simultaneous Capacity (Pedestrians Only)	300	
17	Total Number of 5 Minute Time Blocks / Day	288	
18	Total Daily Capacity (Average Time * Total Capacity)	86,400	
19	Pedestrian Projected Use as an Average over 24 hours	5%	Percent of Capacity
20	Pedestrian Total Projected Use Daily	4,320	Rides
21	Pedestrian Total Projected Use Hourly	180	
22	Pedestrian Total Projected Revenue Daily	\$21,600.00	
23	Pedestrian Total Projected Use Annually	1,576,800	Rides
24	Pedestrian Total Projected Revenue Annually	\$7,884,000.00	
25	Number of Car Transports	0	
26	Average Time of Trip for Car Transport	1	Minutes
27	Total Number of 1 Minute Time Blocks / Day	1,440	
28	Car Transports Projected Use as an Average over 24 hours	0%	Percent of Capacity
29	Car Transports Total Projected Use Daily	-	Rides
30	Car Transports Total Projected Revenue Daily	\$0.00	
31	Car Transports Total Projected Use Annually	-	Rides
32	Car Transports Total Projected Revenue Annually	\$0.00	
33	Pedestrian Revenue / Trip / Single Pedestrian at \$1 /minute for 5 minutes	\$5.00	Fee For Use on a Trip
34	Car Transports Revenue / Trip / Single Car Transport at \$0 /minute for 1 minutes	\$0.00	Fee For Use on a Trip
35	Efficiency Average Speed Traveled	50	Miles per hour
36	Efficiency Possible Distance Covered Traveling at 50mph for 5 minutes	4.2	Miles (Pedestrian)
37	Relative Cost Per Mile Traveled for Pedestrian	\$1.20	Dollars / Mile
38	Revenue All Transports/ Annually	\$7,884,000.00	Annual
39	Revenue for all Freight Transports	\$0.00	Annual
40	Advertising Revenue Calculations	\$1,153,260.00	Annual
41	Rent Revenue Calculations	\$936,000.00	Annual
Total Annual Revenue for All Transports / Advertising / Rent		\$9,973,260.00	Annual
Budget>> Cost for Installation for 5.06 miles			
		\$88,497,449.89	Cost
Total Projected Annual Revenue		\$9,973,260.00	Annual Revenue
Return on Investment at 100% of Revenue		8.87	ROI in Years if appeared overnight
Enter Debt Service Fund Percentage		95%	
Total Annual Debt Service Fund (P/P Partnership)		\$9,474,597.00	
Return on Investment using Debt Service Fund		9.34	Years



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HYDROGEN SUPER HIGHWAY

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