Skyways Study Models

September 22, 2025

These Illustrate new forms of Smart Infrastructure for Public awareness and incubate a $5 Billion new 210-mile Route in Colorado plus another $5 Bil for sub carriers that all depend on Electrolysis for their power and AI for their operations. These concepts have not been submitted to government yet and are only meant for private discussion. Study Models are in various stages of completion

$10 Billion National Experiment and Test

This Slideshow has 6 study models for a $10 Billion National Test Smart technologies that depend on Electrolysis of water for their power and AI to operate inside the corridors shown in the next slide. These technologies are:

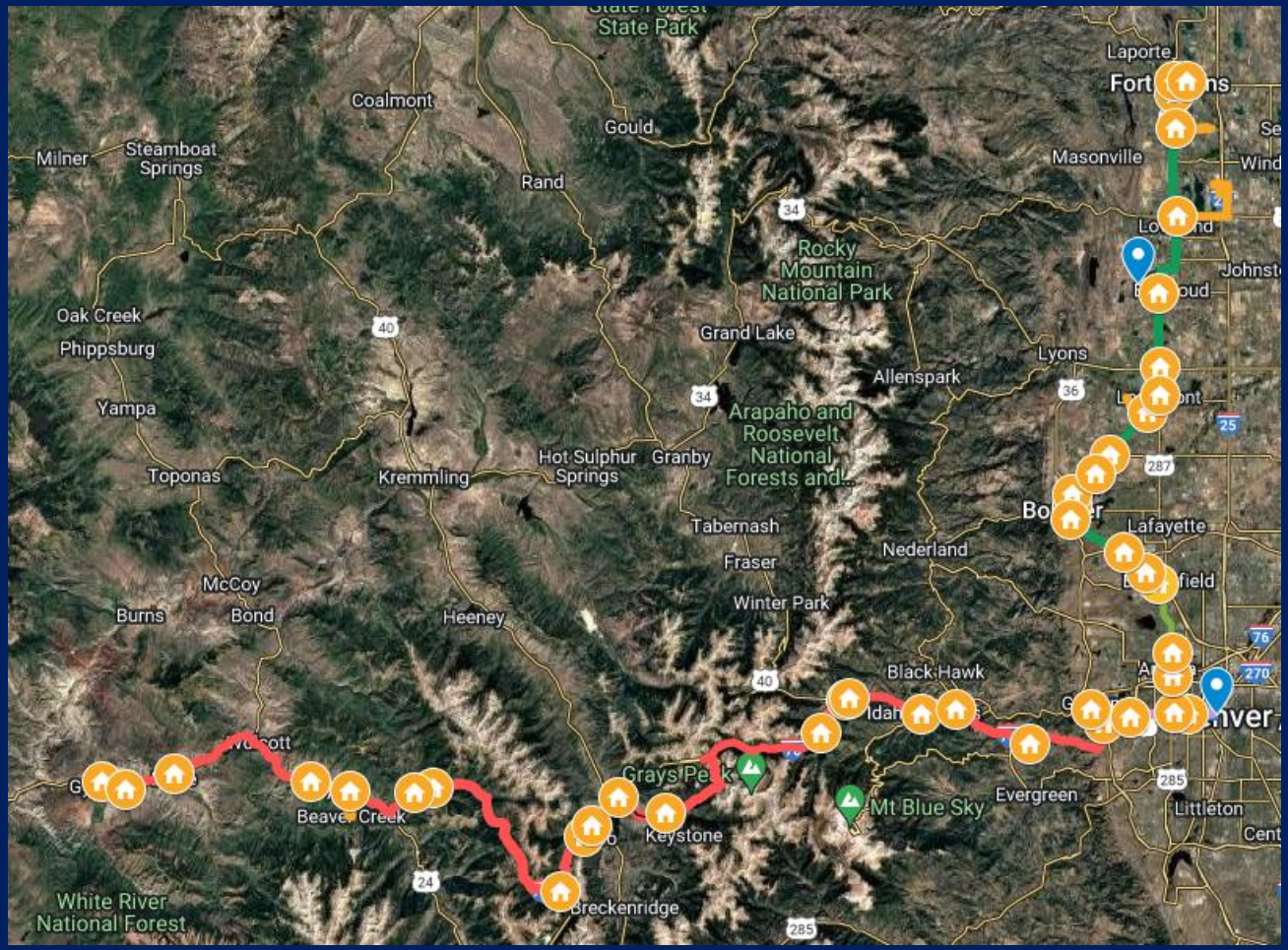
* $5 Billion Skyways passenger travel powered by electrolysis
* Included in above is shipping and delivery at night
* $1 Billion for unlimited Water powered by electrolysis
* $1 Billion for a Smart Grid powered by electrolysis
*$1 Billion for Advance Fiber Optics powered by electrolysis
*$1 Billion Carbon Products captured by electrolysis powered systems

Each of these infrastructures has a link on the next page to its own slideshow that illustrates its potential in a National Test for use by the public and for getting its power from electrolysis.

Our Current financial model funds this Economic Development through revenue bonds with a 30-year amortization and a 3% interest rate to breakeven or $630 Million per year for unlimited use of the $10 Bil package . Profits will come from user fees on top of that which go into a surplus and is divided up among the ownership. AI research says there are 4.5 million living in the Front Range of which 50% or 2.25 million are thought to be living within a mile or so of the Corridor. The national test only needs 500,000 subscribers paying $100 per month for unlimited use of all six infrastructures or 250,000 subscribers paying $200 per month. Most likely each service will have its own subscribers base to get to the $630,000,000 million needed per year. Then there are the tourist who only pay user fees and no subscriptions.

Skyways 210-mile Colorado Corridor $10 Billion

This slideshow illustrates how such a project might look with 43 Stations, dozens of circulators and four new types of supporting infrastructures.



Study Models

Interactive Map

(building order)

Leg # 1 Blue is Platte Valley

Leg # 2 Purple is Colfax

Leg # 3 Green is Front Range

Leg # 4 Red is I-70 Mtns

There are five other projects for $1 Bil each that can be a part of the same corridor:

Fiber Optic Backbone

Unlimited Water

Smart Grid

Carbon Products

Automated Delivery

coming soon

ASCE
2025 REPORT CARD
FOR AMERICA'S INFRASTRUCTURE

"is the foundation on which our national economy, global competitiveness, and quality of life depend." The American Society of Civil Engineers rates America's infrastructure every four years. Their new report is out at this Link . Key rating are down for:

"SKYWAYS"

If Skyways can demonstrate how likely its smart infrastructures are to make money, it will open the door to private sector funding in huge amounts because as this report shows more infrastructure is needed everywhere .

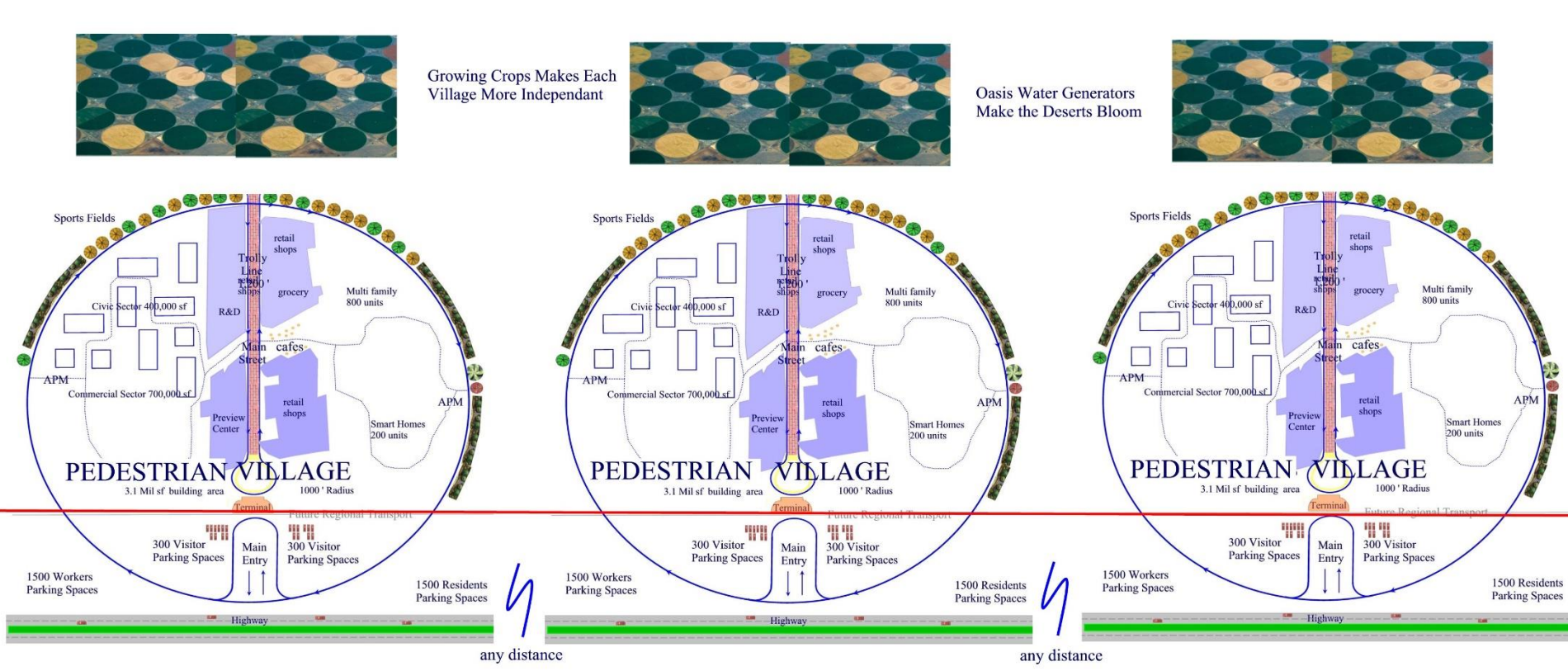
The 5 to 1 Ripple Effect

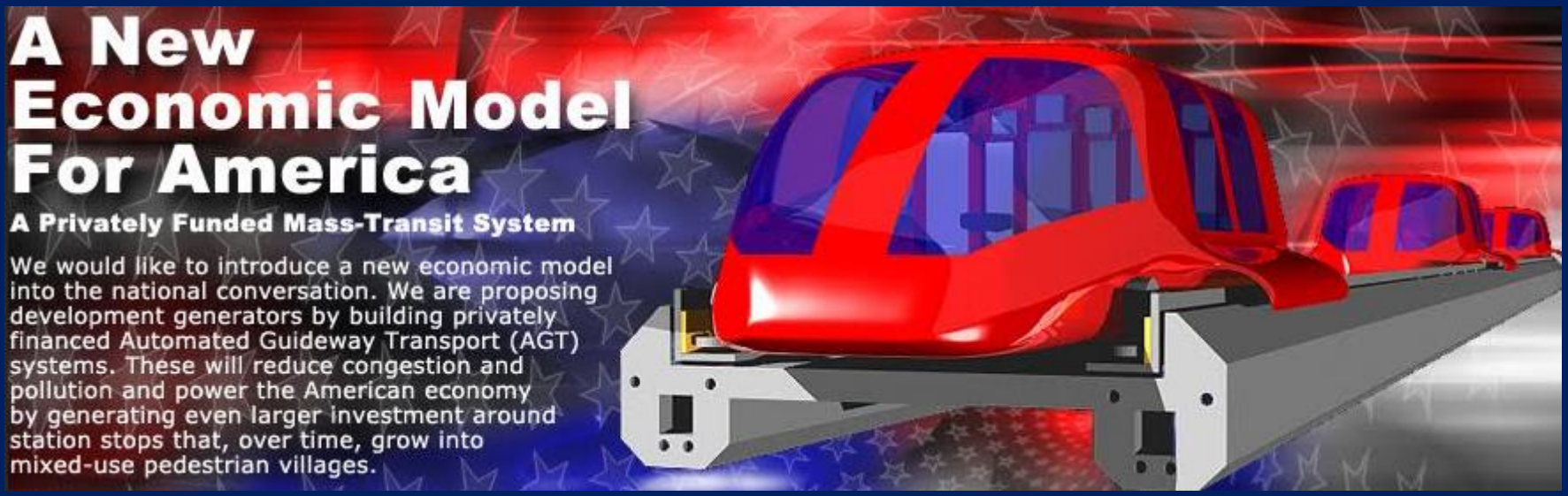
The US Chamber of Commerce usually estimates transportation improvements cause an 8 to 1 ripple effect, but we will use 5 to1. The possibilities of this effect are:

1. The Colorado 2-million-acre Mt. Playground
2. An expansion of the Skyways passenger travel and other five infrastructures to the borders of Wyoming, Kansas, Oklahoma, Texas, New Mexico , Arizona and Utah
3. Massive real estate development accessible to Stations
4. Job creation shown on slide 36
5. A homeless solution for employer housing trading work as gardeners for rent
6. Growth of tourism in Colorado
7. Business uptick for growth related to these AI infrastructures
8. National Change in perception of what Colorado is all about
9. Winning more research grants and business moving to Colorado
10. Better educated workforce with AI training, Smart-Grid, AI Data factories

String of Pearls

Most of the 25 Towns shown in the map on page 3 have significant space in between them that can support new small villages growing crops, livestock, senior living, AI Factories, recreation, etc. The red line is Skyways





Runs on Electrolysis of Water
Operates using AI
Guideway is 20 feet high with 30-foot aerial easement
Six passenger travel is standard with 20 passenger bus for heavy routes
All stations Docks off-line with thru traffic not stopping
Propulsion is basically Linear Induction with electric motors for slow speeds
Maximum speed is 150 Mph cross-country but varies according to terrain
Operates In all weather emergency conditions better than roads
Travelers link to dedicated driverless pathways to their destination

Business Model

These kinds of Stations every half mile in the city and every 10-miles in the country

If video does not load click here.

Financial Breakeven

$4,300,000,000 Proposing starting point
$ 700,000 add fitting into the easement
$5,000,000,000 Amount of Revenue Bonds for 210-mile corridor

$315,000,000 x .063% Breakeven at 3% interest + 30 Yr AM
$ 26,250,000 per month when divided by 12 months
263,000 subscribers needed at $100 per month needs only
.010% of 2.5 million front range population within 1 mile of route

This calculation shows that about 10% of the local population is needed to subscribe at $100 per month for unlimited ridership on their leg to breakeven. Subscriptions will be 2 to 3 times that amount within the first few years. In this model Commuters get unlimited ridership for Leg 1 Embarcadero + leg 2 Colfax at $100 subscription, leg 3 Front Range at $100 per month subscription and leg 4 for I-70 Mountains at $100 per month subscriptions.

Profits are made from travelers who going from one leg to another and they are charged 25 cents per mile with or without a subscription. Tourist will pay a higher mileage use for a seat from downtown Denver to Vail. These revenues are the surplus profits of the route and expected to generate a 10% ROI by the 5th year and grow at least at 1% per year.

Add $5 Billion to build new Utilities

that are carried within the same R.O.W. easement as Skyways

$1 Billion for A Smart Grid which will carry the intelligence to mix forms of energy and next it will merge AI, Personal assistants with new media, navigated by subscribers thru their electrical outlets

$1 Billion for Water Vapor Machines that provide new sources of Water for Data Centers, Chip makers, frackers, manufacturers, farmers, blockchain and cities while creating millions of jobs for gardeners, plumbers and electricians

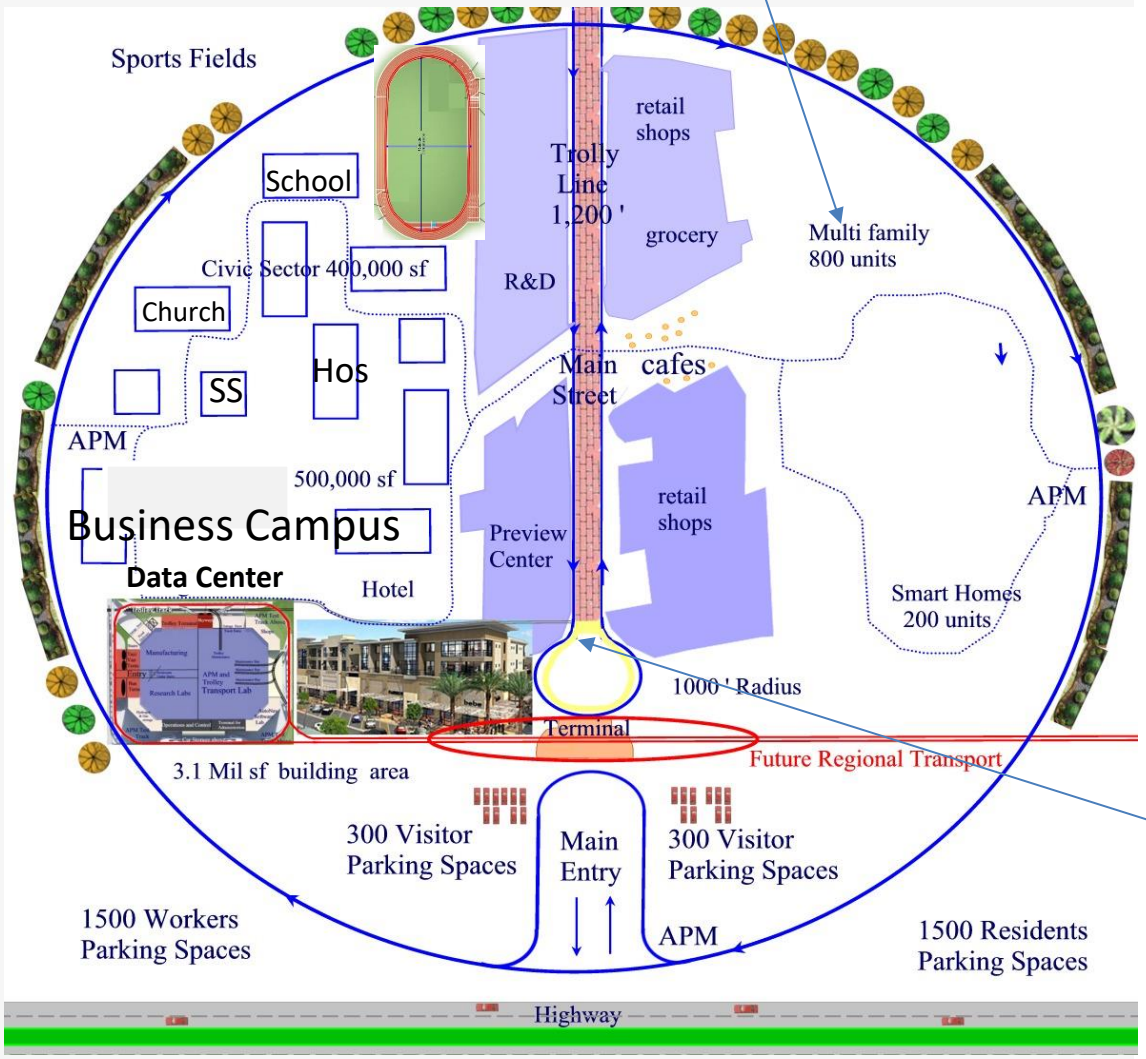
$1 Billion for the Universal Mind using Advanced Fiber Optic corridor to link 25 Machine Learning AI Data Centers up to 200,000 data streams to serve the new media of VR, Holographic TV

$1 Billion for a Carbon Capture Machine that can clean out the carbon in the air and then transport it to processing factories where it is sold as useful products

$1 Billion for Automated Delivery – not ready yet

Initial Development Around Stations

Data Centers as Economic Development- This is a like a Library Cookie Cutter Site Plan for each Town along the 210-mile Corridor for new Growth at the edge of Town. This could also include a land purchase of 120 acres or so where an initial data center can get started, a hotel site next to the Skyways terminal and sites for several building around the data centers for studios and offices. This will attract companies wanting to feed it, climate refugees and tourist. See Oasis Villages. These startup Villages will include 5 other utilities like water for landscaping, a Smart-Grid, AI factories growing a Universal Mind over Fiber, automated delivery and Carbon Capture. Some towns could develop a Senior Housing prototype as we need millions of homes for them. See on next page.

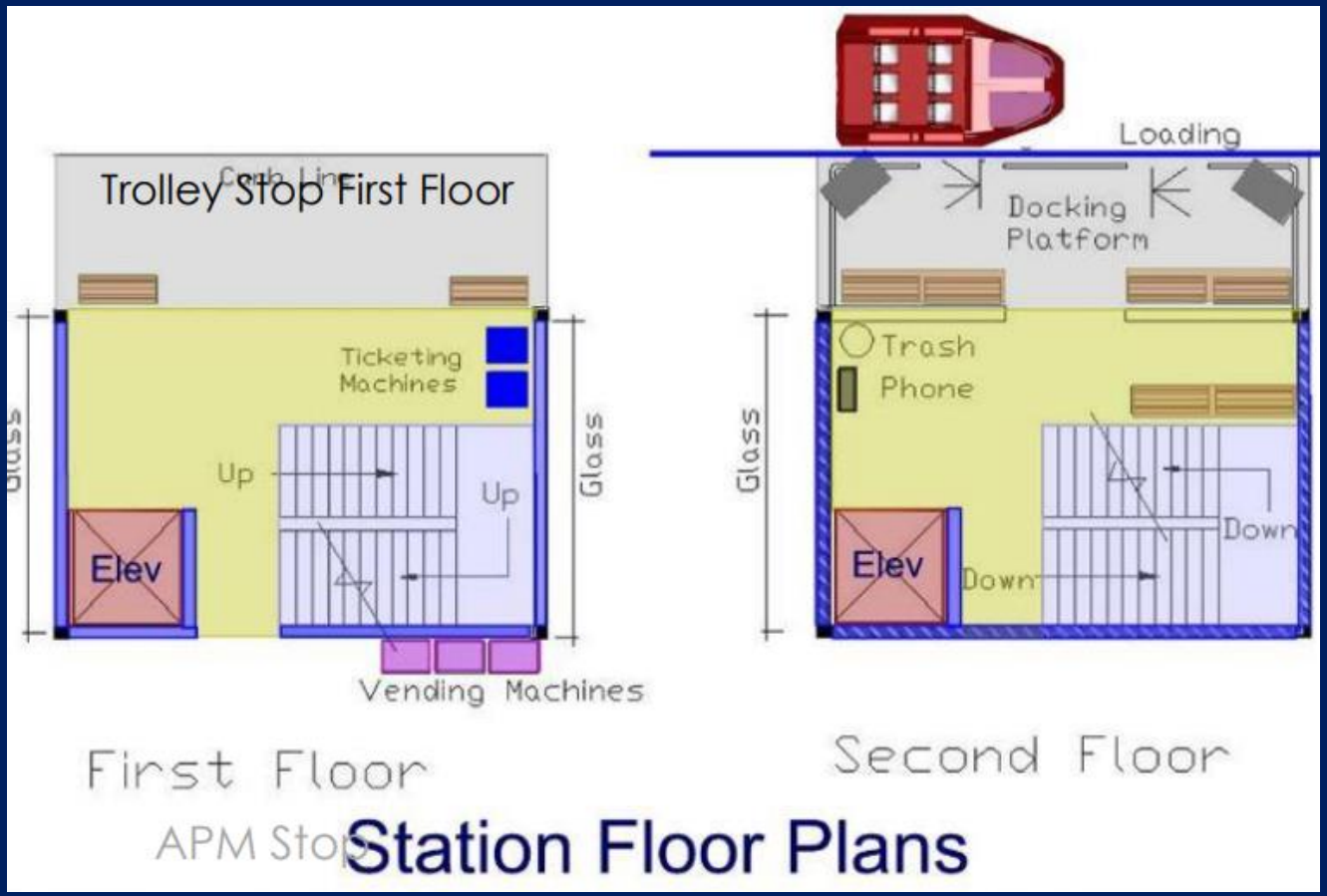


Economic Development

Senior Living is something every town could use, and America needs over 6 million homes for seniors. It can also double as a Nursing Home and use tele-medicine from the Data Center for the Senior Center and then the entire town. Hotels will attract tourist who want to enjoy the mountains by day then new media entertainment by night. A Smart-Grid could deliver the Universal Mind to the local town through their electric outlets.

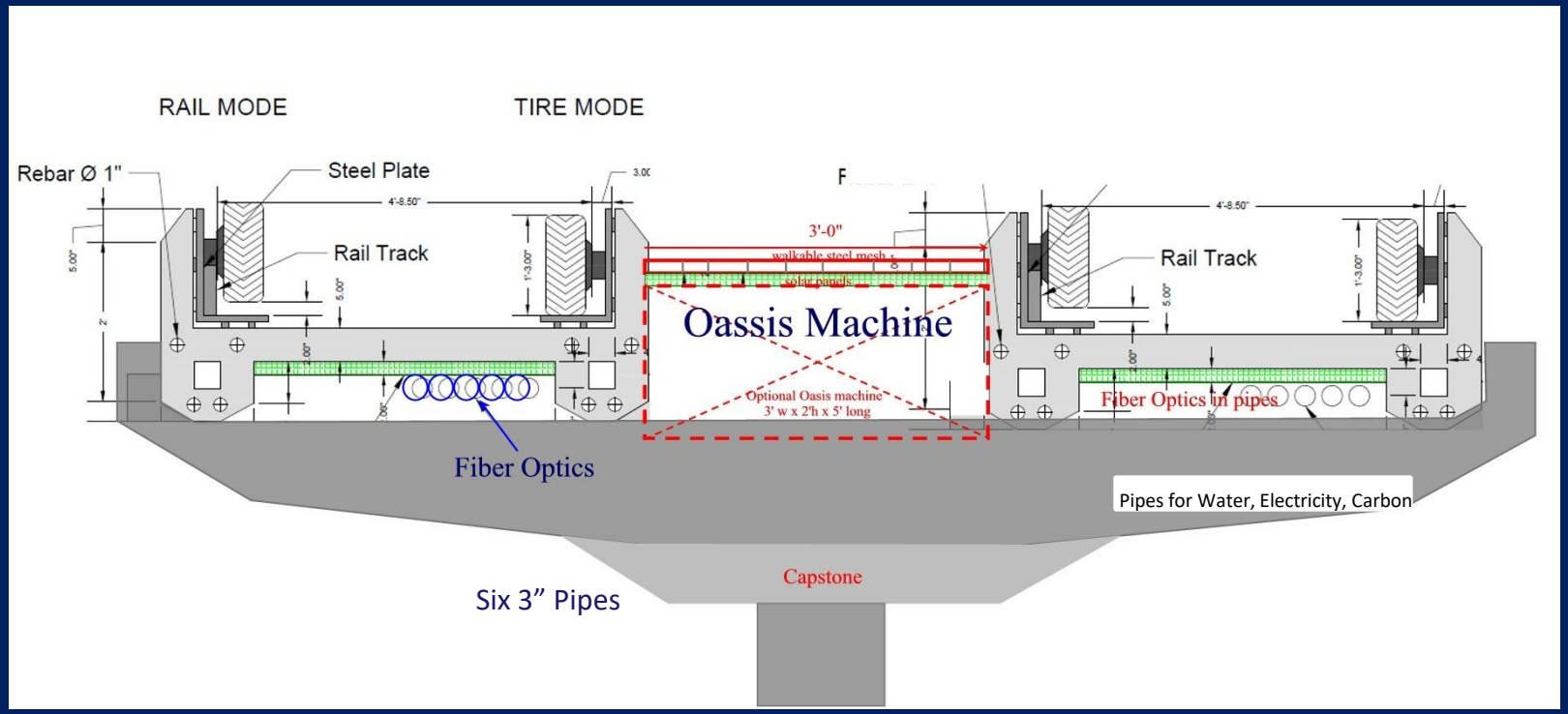
A Trolly for Main Street

The Terminal is a Mini Intermodal for each Town Integrating, Skyways, Parking , Village Circulators, Taxi Trolley, and Bicycles



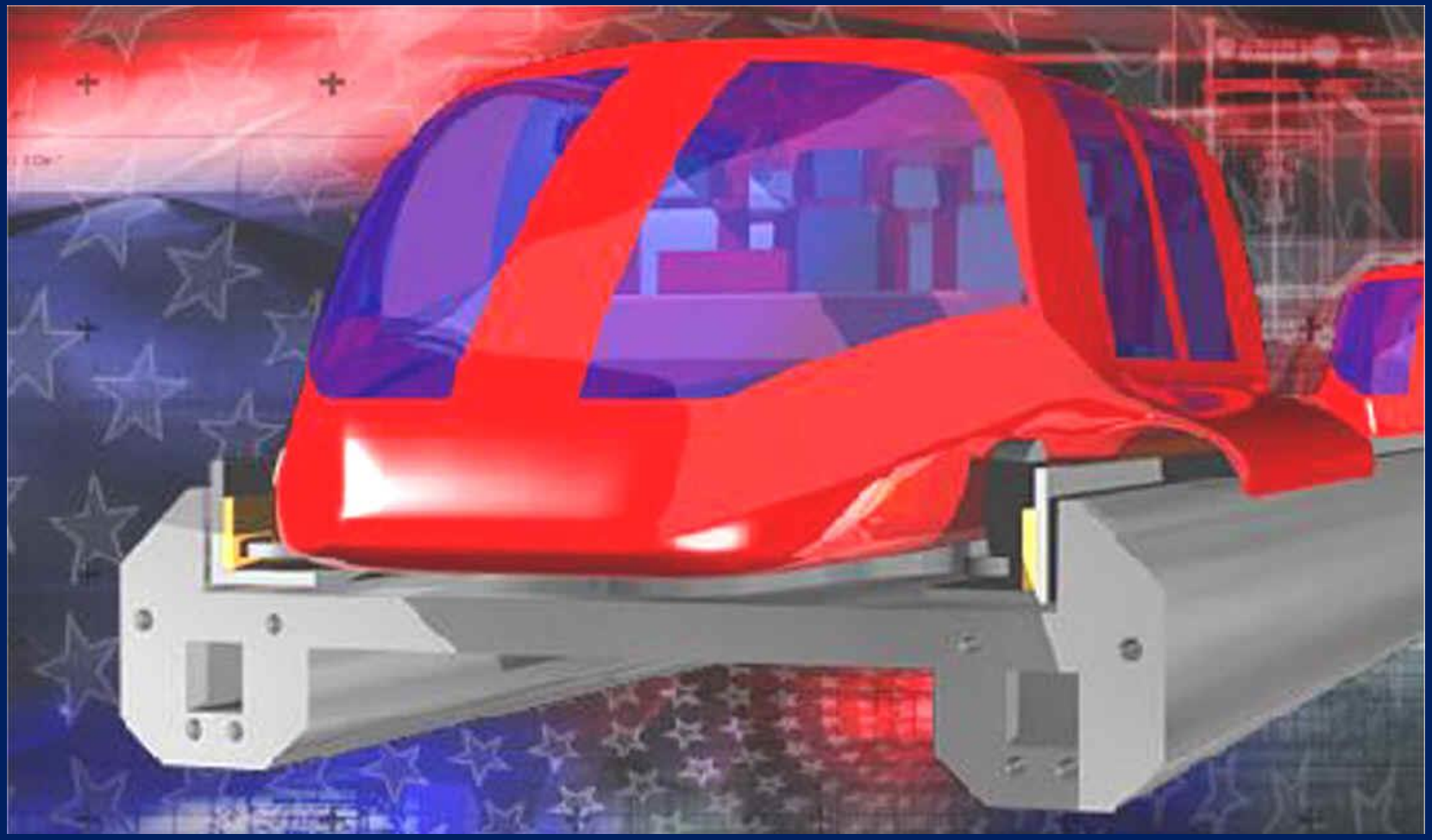
Skyways Will Run on Hydrogen

Provided by Electrolysis of Water. An Initial part of this project is a Research Lab that focuses on applications possible from Electrolysis. This not only includes Skyways, but 4 additional smart utilities that can be carried within the same ROW easement.



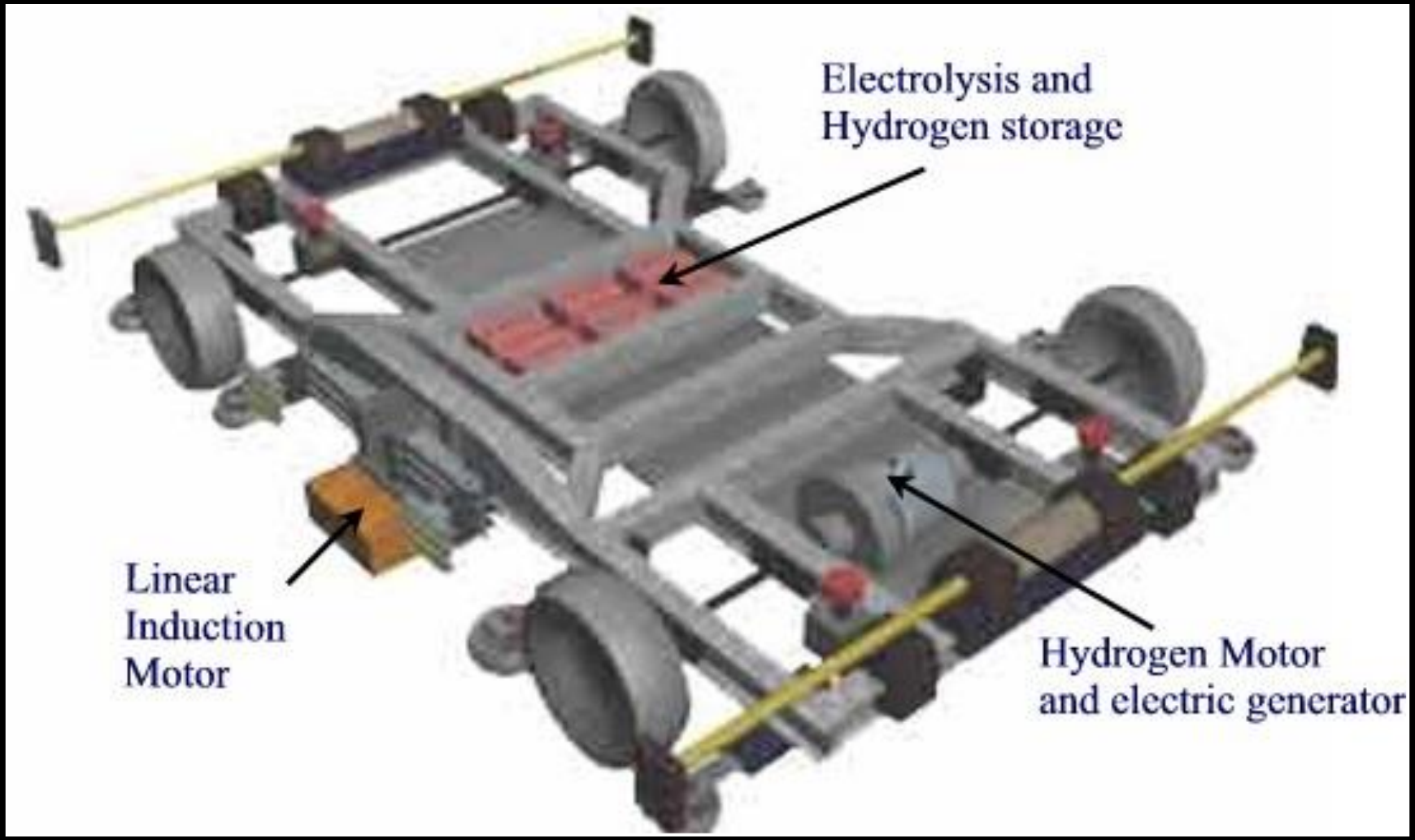
See Slideshow Study Models for Oasis Water capture, Smart-Grid and Fiber Optics

A New Type of Driverless Transport

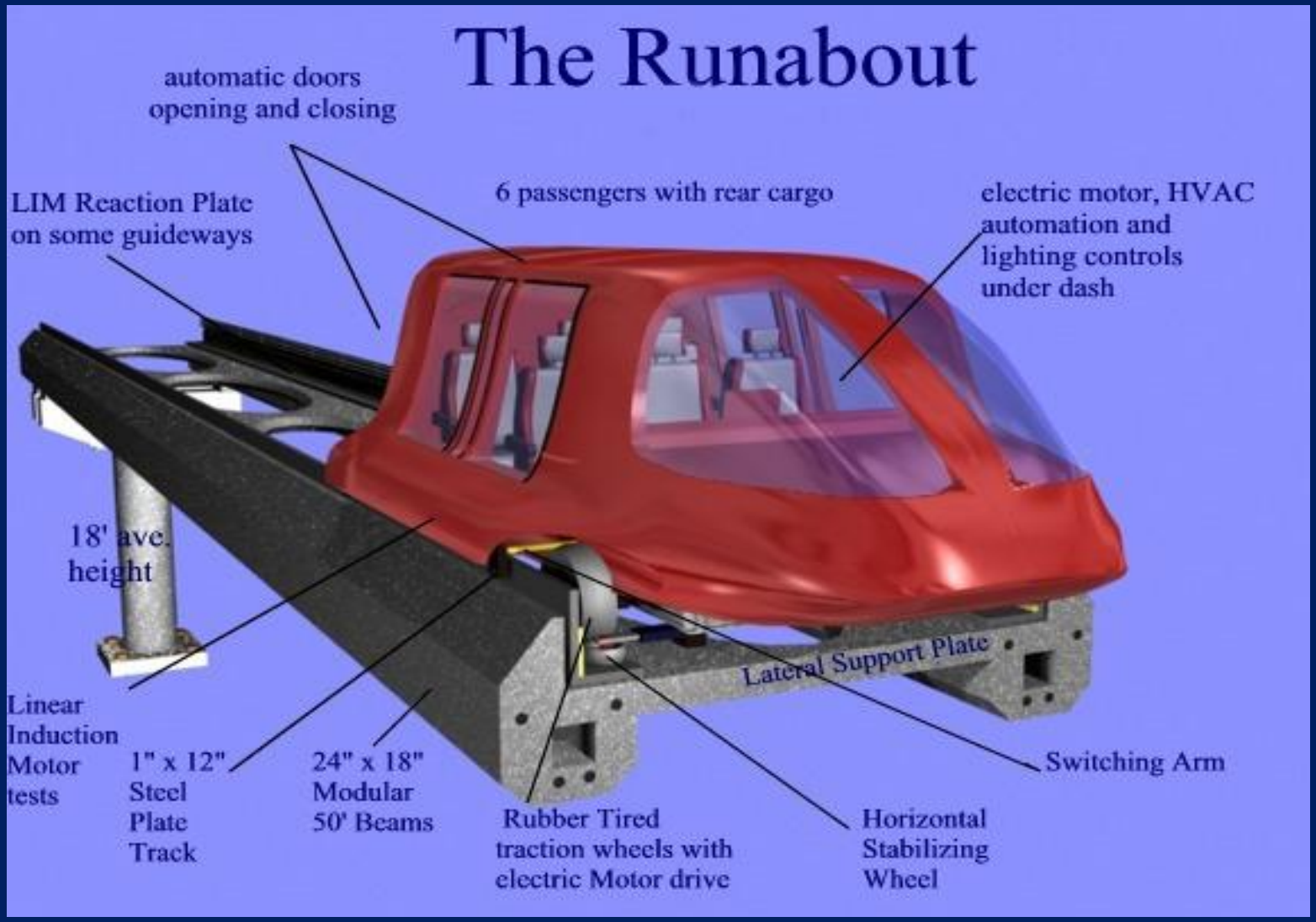


Each Car Uses Linear Induction from Propulsion Generated by Electrolysis of Water
Waymo is the preferred software for driverless automation

How Cars Generate Their Own Propulsion



Hydrogen is generated by electrolysis and stored in containers before sending it to a hydrogen motor as needed. There, it generates electricity and sends that to the Linear Induction Motor at minimal costs. Using grid power is very expensive



Driverless, electric, all-weather transport at $20 Mil p/mile

See how the pieces all fit

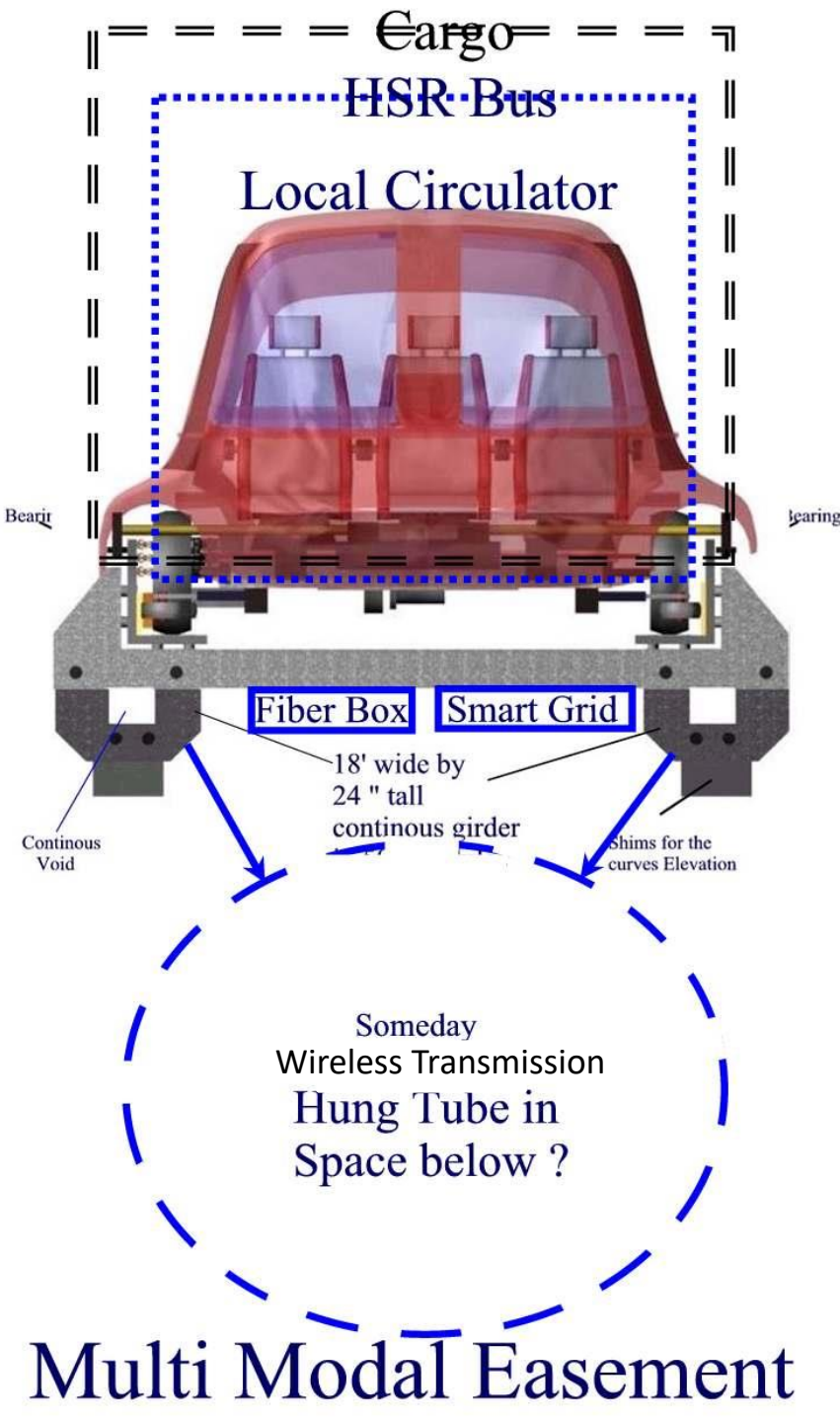
6 to 9 Passenger Run Abouts

View Various Animations of Car functions (not ready)

The Original Design Team

Our Technologies Share A Multi -Modal Aerial Easement

* High Speed Cross Country
* Urban Circulators
* Cargo/ Delivery
* Water carrier
* Fiber/Holographic-TV
* Smart Grid (with AI)
* Carbon Capture



High Speed Ground Technology

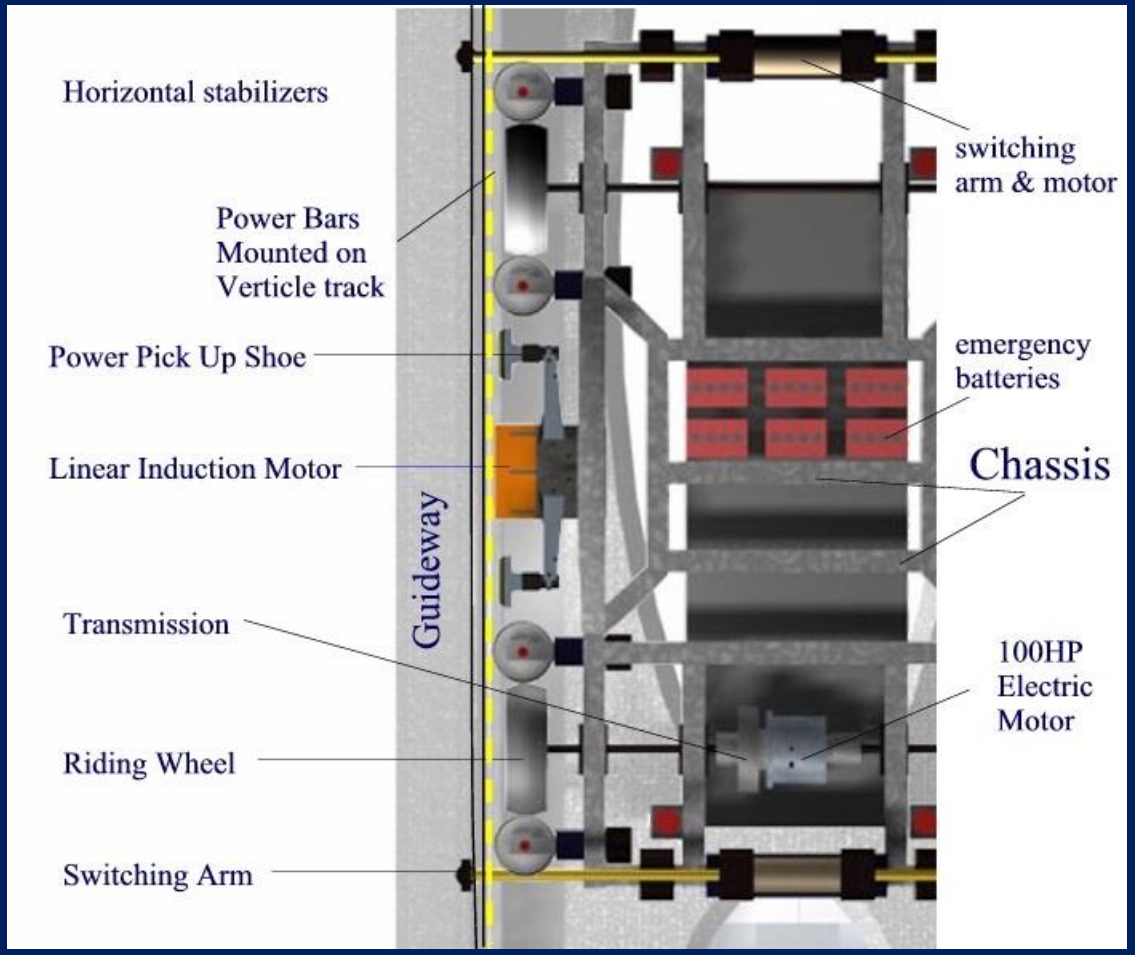
Ron Powers, one of the associates of Smart skyways is a prototype builder for Amtrak, GM, NASA, Ford, Kia, Boeing, etc. and he also owns a High-Speed Rail Prototype as shown here. This vehicle will cruise up to 125 mph, seats 24 and cost $500,000. It will also operate on the same guideway as the Smart Skyways 6 passenger cars.

See Portfolio and Resume

Additional Features

Highway Cruiser

U shaped Seating



Add Linear Induction Motor for 150 mph Highway Speeds

Other Studies


ELEVATED


SWITCHABLE


ROBOTICS

AUTOMATION


STATIONS

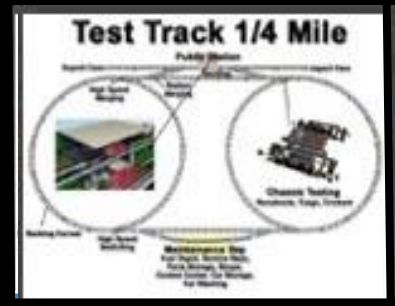

SECTIONS


SCALABLE


MIX


CHASSIS


CARGO

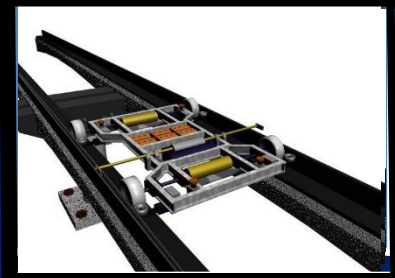


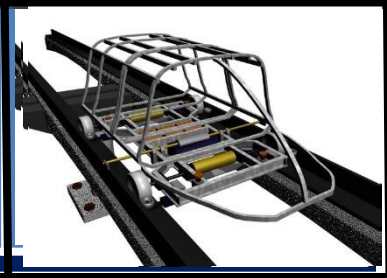

MAX SPEED

COMMUNICATIONS


INTERIOR


PROPULSION


Chassis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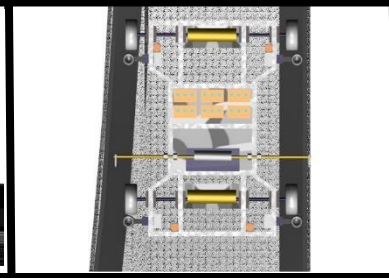
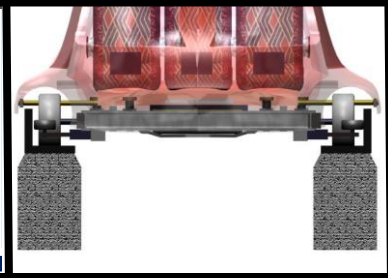

Chassis


Trunk Door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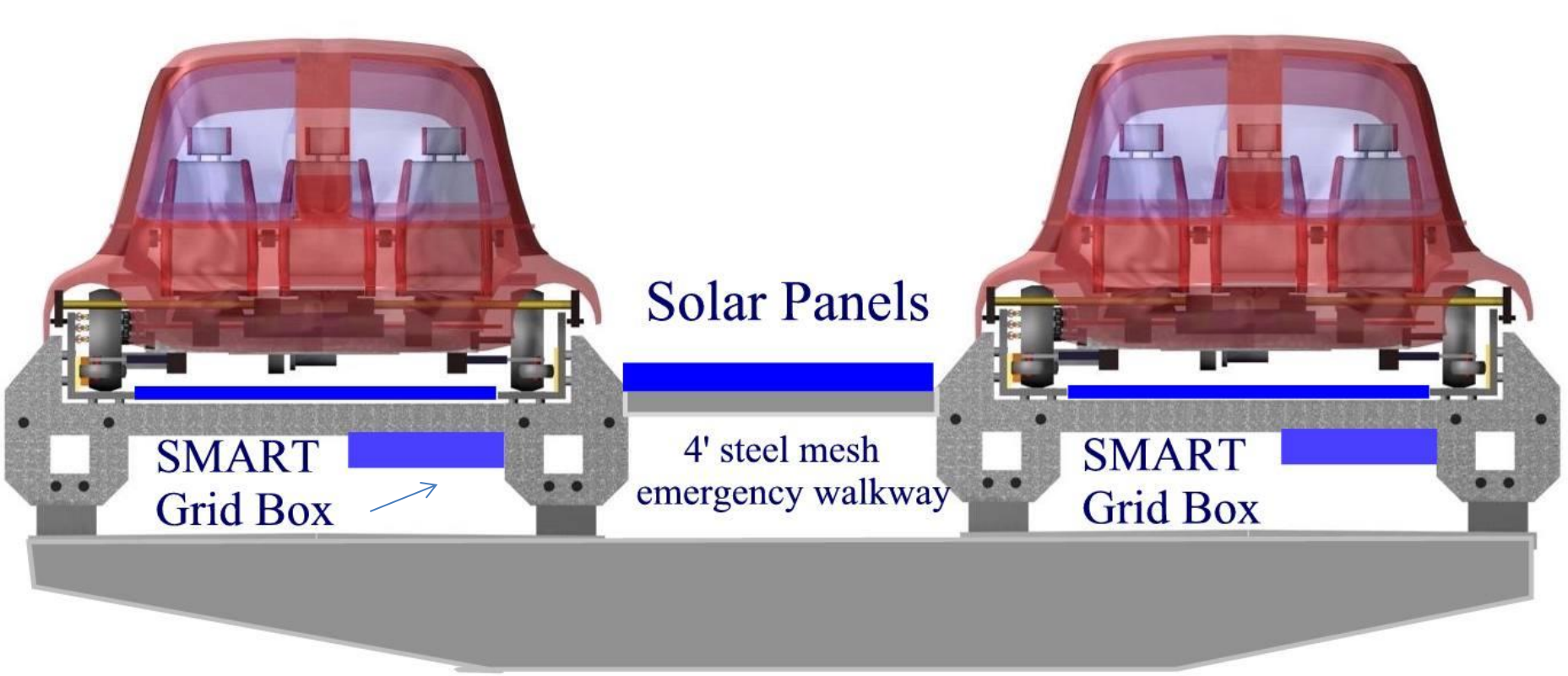
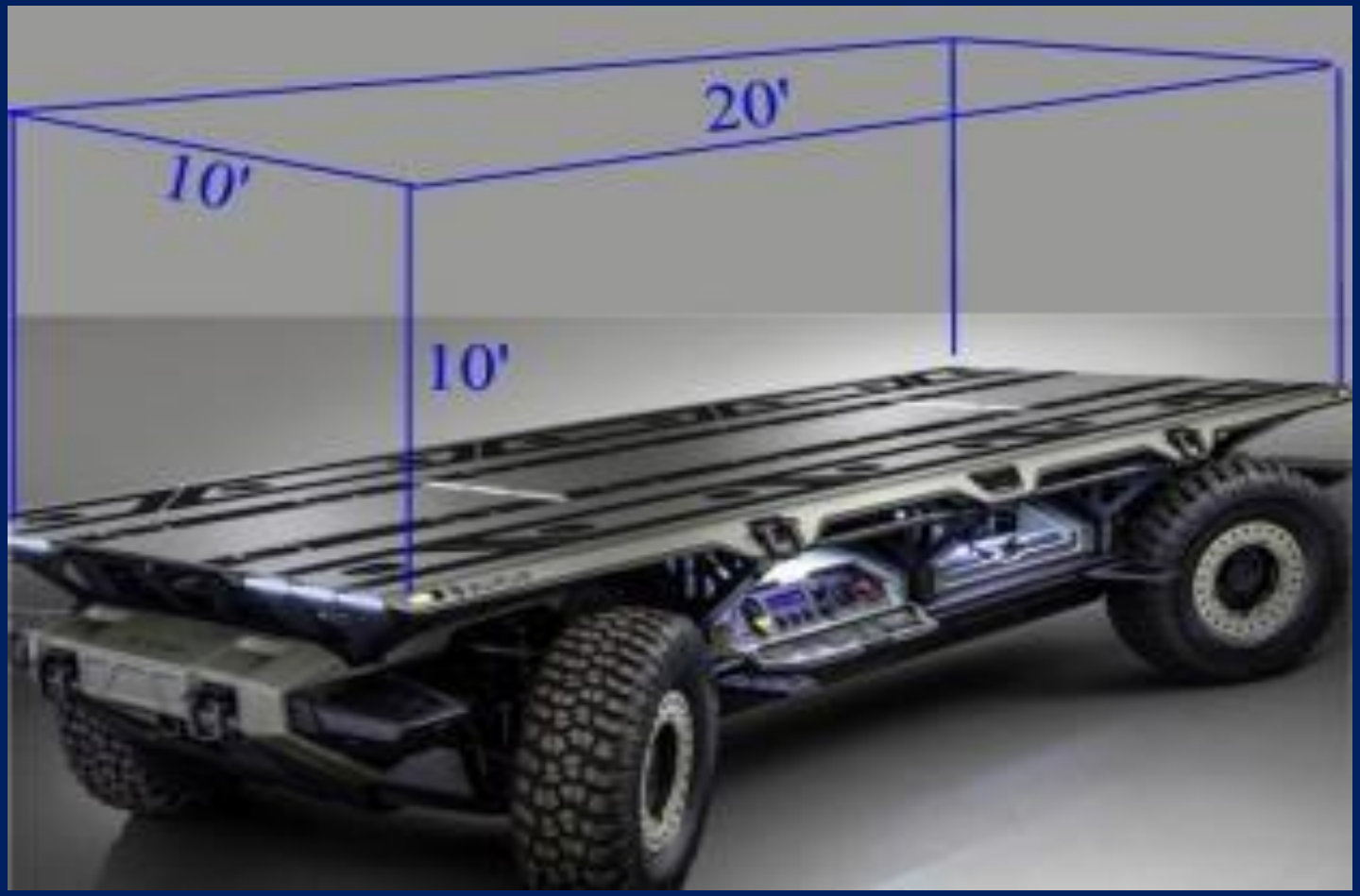
Solar Powered Guideways Optional

A variety of power sources will be used for generation and a smart-grid will transmit this energy underneath (Blue Box) the guideway to where it is needed along the route



GM Cargo Automated Platform



This Autonomous Drive Platform is planned for delivery services after 10 pm until 6 am each night using the same guideways but different on/off ramps. This will add significantly to the bottom line and bring in new consumers for other services.

Use Driverless Cars as Station Feeders on Dedicated Pathways

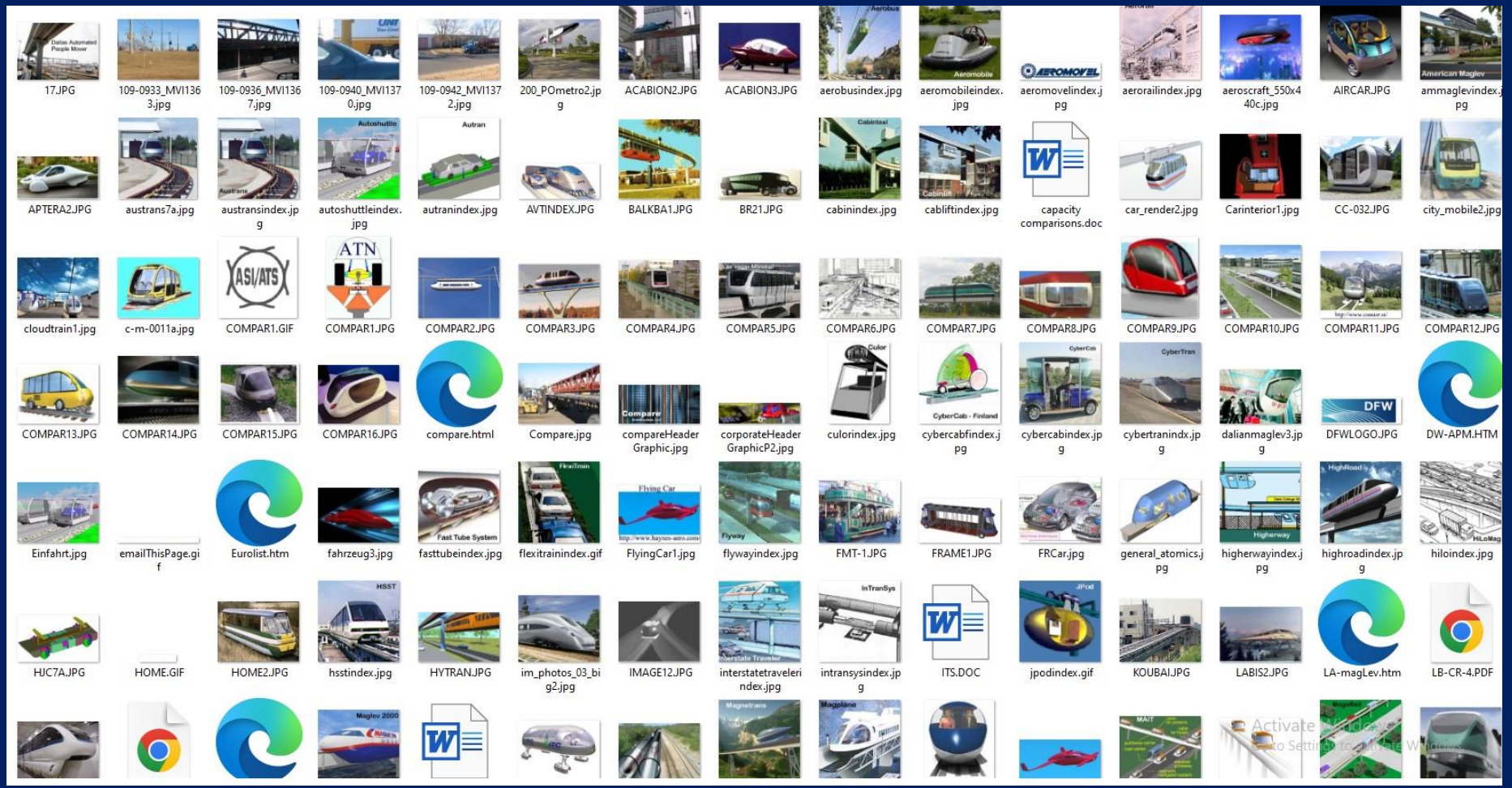
Every car manufacturer shown below has a driverless experiment

We think each station should set up Business Improvement Districts to manage feeder operations. This District can pay for free ridership from property tax revenues, if it chooses. Towns will be responsible for their stations and the driverless local circulators on dedicated paths.

Example of Driverless Cars and Vans having a dedicated path from Station to neighborhood

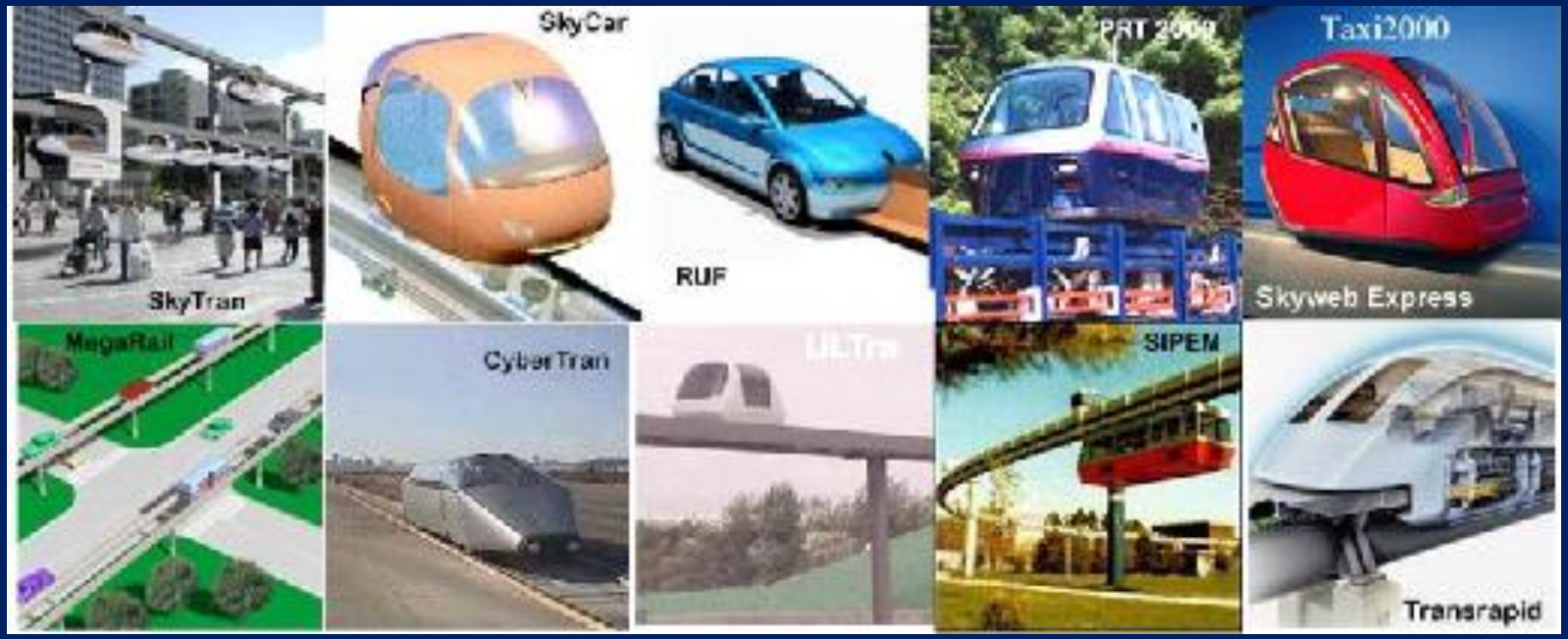
The gold line is an example of a feeder/distributor route linking the station to the neighborhood could be provided by Improvement District

We have Studied Over 100 Transport Technology Proposals and Some Could Be Used as Spurs and Feeders for the 210-mile Corridor



Competition and Comparables

Click on pictures



Here are the web sites for this new type of transport that want a piece of the potential $1 trillion Marketplace. We can use them as spurs and set up competitions for their products.

Types of Stations

Gallery of Station Animations

Free Standing

Costs $250,000 and uses solar windows

Linked by Walkway

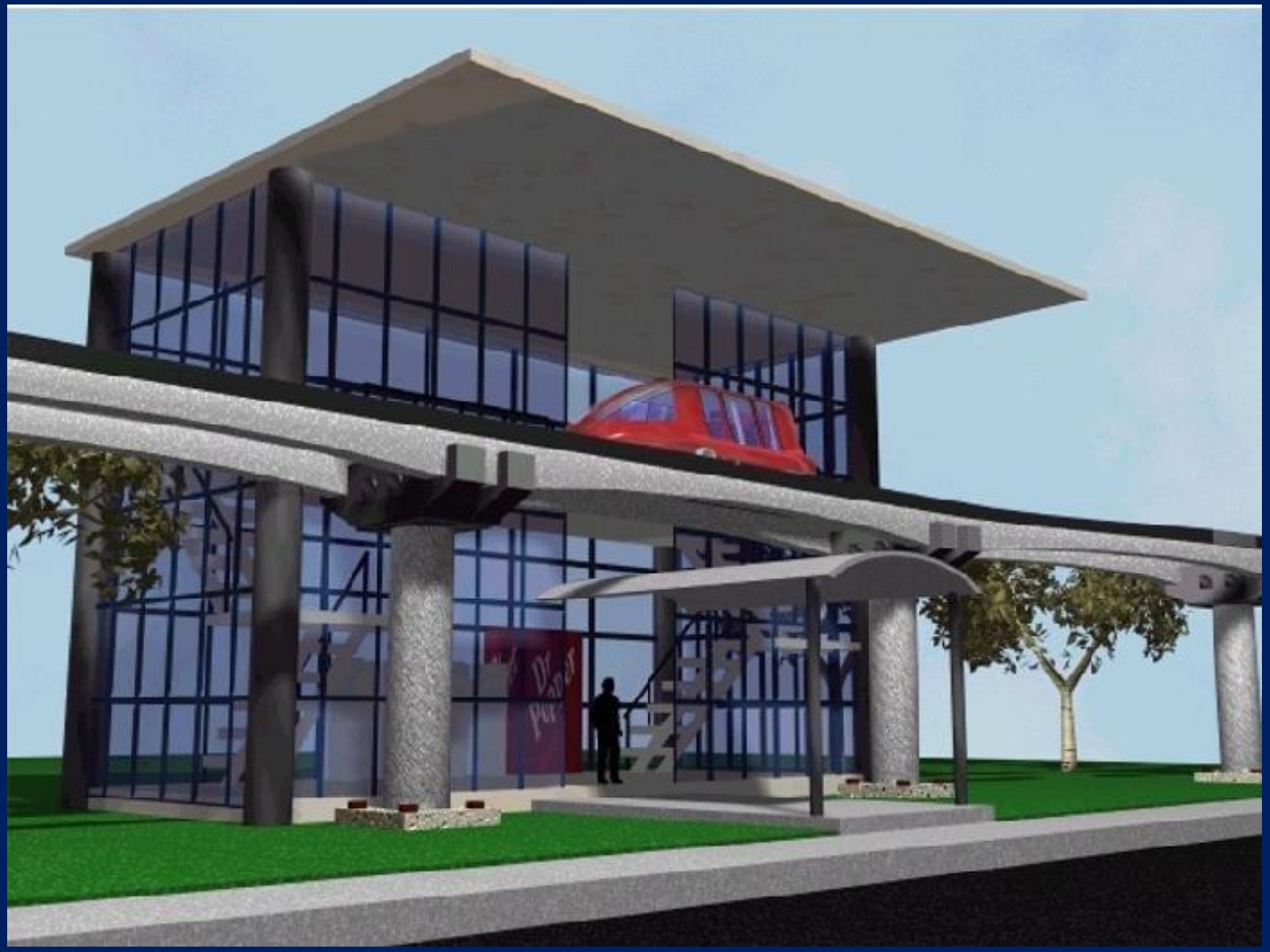
Stations can be linked with nearby building or parking

In Between Buildings/ Parking

Each station has at least one bay loading while another unloads. Activity centers may have many bays

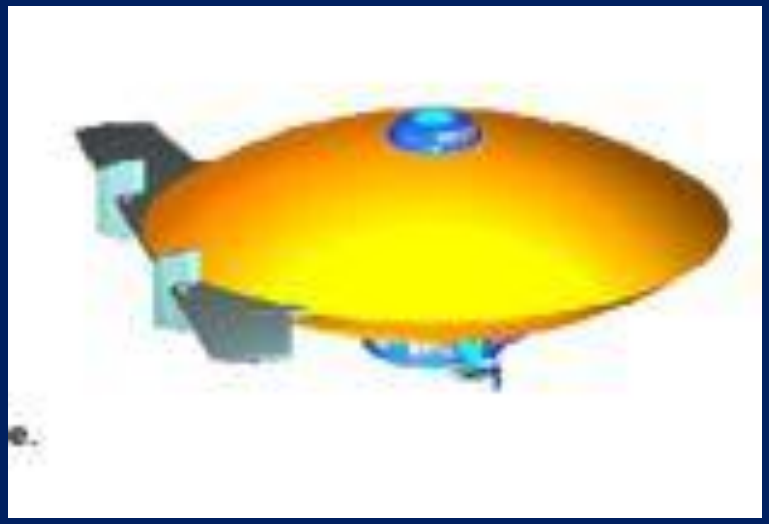
Built Into New Buildings

Typical Small Station



Platte Valley Stations would have to be twice this size and have 4 berths instead of 2, to handle the event traffic. Estimated Cost is $1.7 Mil each

Alliances with Additional Transport



Airships –We have discussed an alliance with an LA based company that has many patients and a plan for uses of their airships for passengers, cargo, telecom and sky-stations . Lockheed has an industrial version. Airships that could connect more than 2 dozen airports in Colorado to the corridor someday for both passenger and cargo.

Trolleys- Kent Bingham owned an interest in the Trolley company that offers the Disney's high brass look. These feed and distribute the station traffic within a mile or so. They cost over $1 million each and can run on a fuel cell for two days for an additional cost. In a dedicated street/path they could be driverless.

Handing off To A Consortium

By the time a demo models can be finished, the original founders will have organized a group of large companies to purchase most of their management shares to design, engineer, fund, build and operate the company going forward until it goes the State in 30 years

What Kind of Jobs will transport Corridor Create?

At the turn of the century when automobiles started, there were over 500 companies competing for their idea of what a car should be. The same thing is expected again, but this time the stakes are higher. This infrastructure can set the conditions for thousands of companies to grow new profits by incorporating new innovative automation, information and robotic technologies in tomorrow's economy of innovation. In every state, various industries will be required to organize, fund, build and operate a variety of Driverless transport routes and technologies. Below is a list of the main industries that would be stimulated by millions of jobs to build a countrywide AGT network:

Propulsion Systems	Credit Cards processing	Engineering
Travel Reservations	Cargo Integration	Vehicle Assembly
Automation System	Station Development	Underwriting Docs
Power Distribution	Raw Concrete & Steel	Money Management
Guideway Fabrication	Seat Laptop Advertising	Station Car Rentals
Economic Feasibility	Construction Management	Energy Generation

Why Is This Important?

We are at a tipping point for change in transportation policy. The financing mechanism for federal funding is collapsing, necessitating a new approach. In addition, global warming, energy insecurity, and anxiety about economic competitiveness are all converging to force policymakers to generate a new vision. Smartskyways proposes a Multi Modal Vision in our business plan. The size of the opportunity approaches several $Tillion to duplicate the size of existing Federal Interstate Highway Network and another $1 trillion to build community circulators that connect in 275 towns.

Narration

PHASE I - Build a $25 Million Sales Model

This includes 3 steps from scaled models, to ¼ mile test track and then linking to a one-mile operating sales model. This is planned over 2 years and requiring $25 million.

Incubate in Colorado

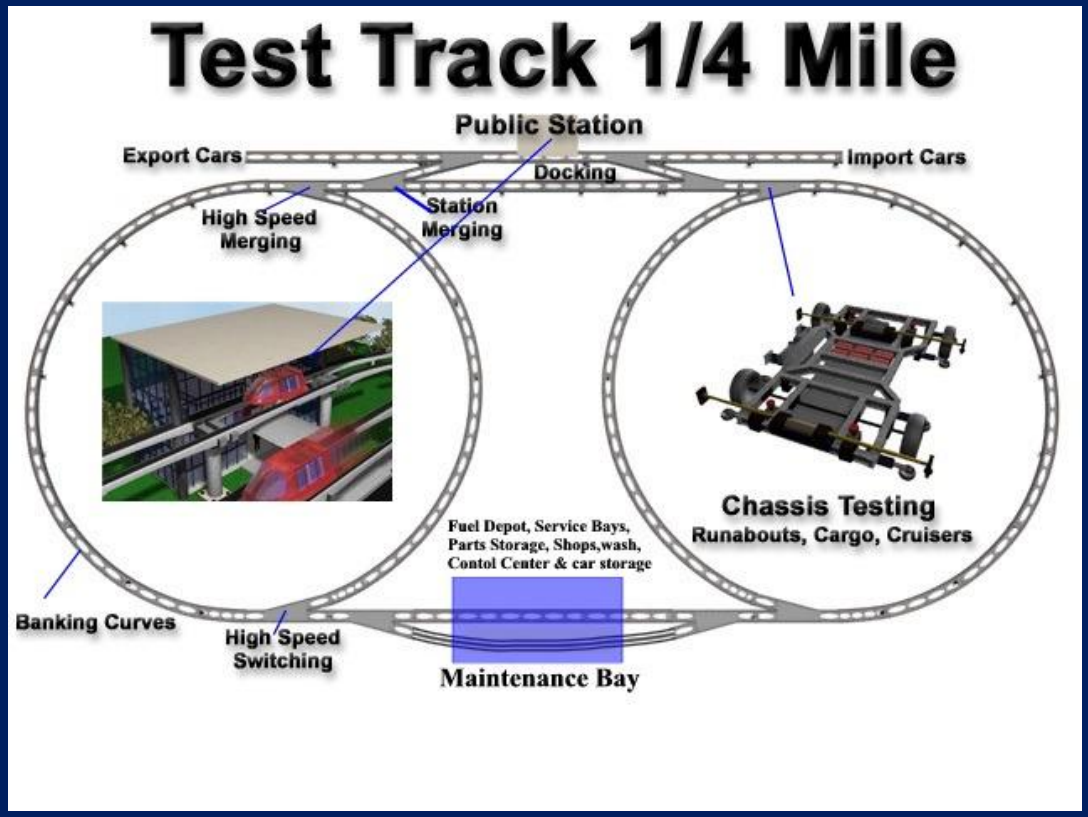
The Sales Model is a one-mile operating system with 3 stations and a Control Hub. The ¼ mile test track grows into the Command-and-Control Hub with storage and maintenance facilities and the Sales office.

$25 Million for Phase I

PHASE I - Over First 6 months

$1 Million to Build Mockups and Approvals

$6 Million to build Test Track and Hub



We have studied a budget for a

1/4 Mile Test Track and Hub

Admin, Staff, legal, CPA, Docs & broker fees	Mobilization	$400,000
Economic Feasibility Modeling	Mobilization	$100,000
Civil, soils, alignment and grounds prep	Mobilization	$200,000
Design Engineering, Construction Bids	Prototype Track	$1,500,000
Build 1/4 mile Prototype Track	Prototype Track	$1,800,000
Automation Command and Control	Prototype Track	$600,000
Power Distribution	Prototype Track	$250,000
Station, maintenance bays, fuel depot, operations	Prototype Track	$400,000
Build 10 chassis with propulsion, switches	Prototype Track	$350,000
Mock up 6 and 15 passenger cabs	Prototype Track	$225,000
6 switches		$175,000
Multimedia marketing/tools		$150,000
Test Track		**$6,000,000**…

We have studied a budget for a One Mile Sales Model

One Mile Sales Model			
Technology Engineering and Software	Sales Model		$1,000,000
Planning	Sales Model		$250,000
Guideway engineering @ 8% of Construction	Sales Model		$1,000,200
Conc Guideway 70' Beams at $10,000 each x 2	Sales Model		$1,500,000
Steel Roadbed track	Sales Model		$528,000
Columns and footings at $ 8,800	Sales Model		$660,000
Crossbeams every 70' at $5,300 each	Sales Model		$397,400
Shipping to job site at 25 mi	Sales Model		$187,500
Erection of sections at $5,000 each	Sales Model		$375,000
Electric power Distribution	Sales Model		$1,100,000
Control Systems	Sales Model		$1,700,000
6 stations	Sales Model		$1,500,000
Maintenance facilities	Sales Model		$200,000
Vehicles: assumes 8 chassis to start	Sales Model		$250,000
Prototype vehicle cabins	Sales Model		$1,000,000
Administration Mgmt., legal, CPA, travel, office	Sales Model		$500,000
Working Capital and Contingency	Sales Model		$850,000
Sales Model			**$12,998,100**

What can we incubate from this sales model?

Prospective Customers

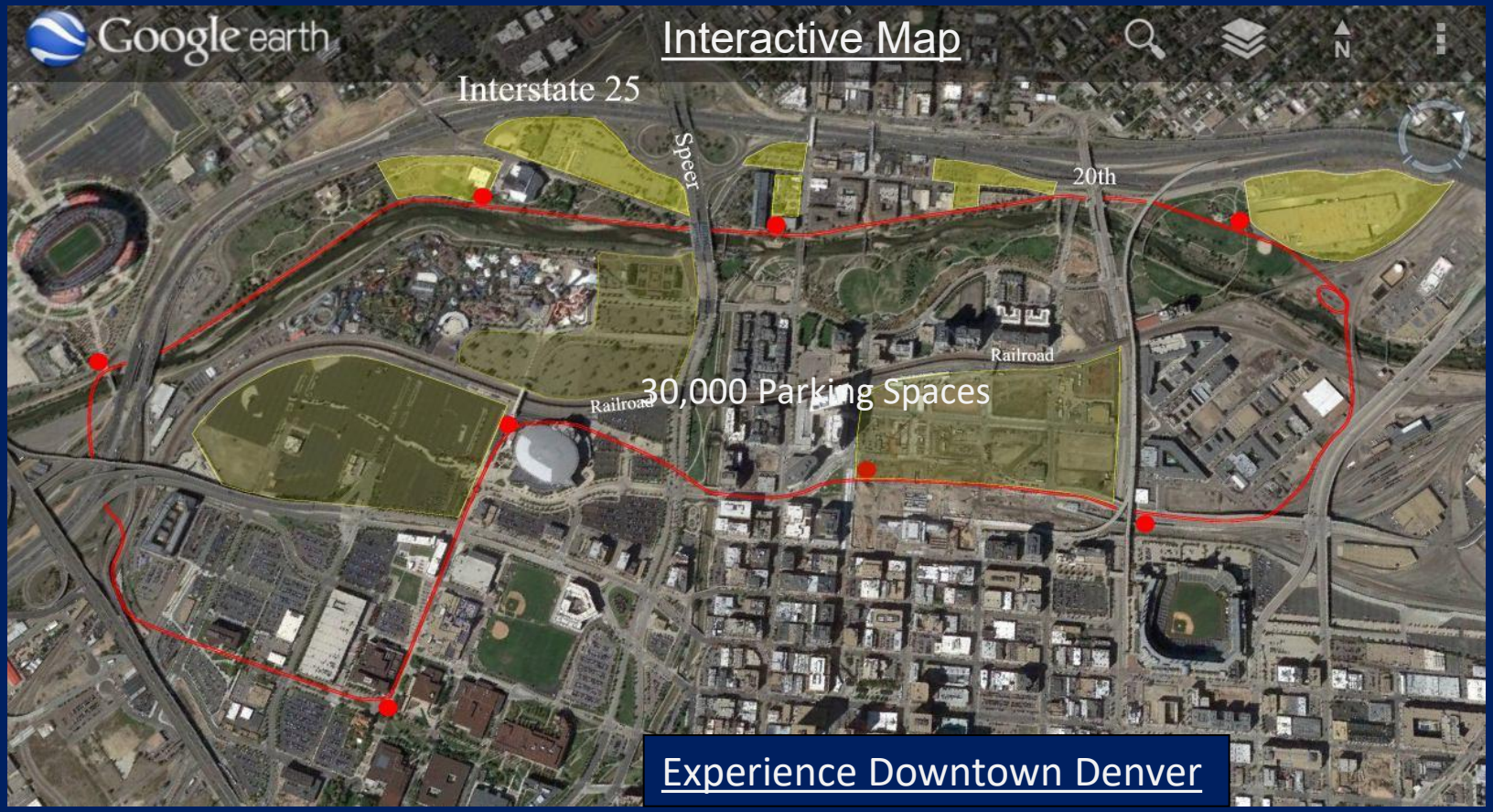
- $4.3 Bil Colorado Corridor in 4 Legs via I-70)
- $25 Mil - Olympics (PACT Model) Phase II
- $125 Mil – Barra-Rio (Rio Urban Loop model) Phase III
- $125 Mil - Platte Valley (Urban Core Model) Phase IV
- $125 Mil - Branson (Resort model) Phase V or
- $230 Mil -Albuquerque (Metro Model) Phase VI
- $ 820 Mil - Rio de Janeiro (Metropolis Model)
- $2 Bil - Colombia (HSR Crossroads)
- $150 Bil – All Central/South America HSR legs

$125 Million Leg #1

Electronic Map

Business Case For a 5-mile Urban Core Model

Effect on Real Estate Development



A dozen high rise building sites are possible along I-25 as shown in yellow. Other olive yellow sites inside the loop are parking & underdeveloped

The proposed model will create national attention and stimulate up to $3 billion in construction for 10 million sf of land area.

Station Stop Parking for Rent

A negotiated share of the parking revenue is a part of the projected earnings
There is potential for a sizable shared parking reservoir from redevelopment

	Spaces
1. Intermodal for light Rail at 16th St Mall	150
2. Coors Field 50,398 seating with	7,500
Operations Hub no parking	0
3. Cuernavaca Apartments + park 11 acres	1,500
4. Westbank apts and offices	500
5. Aquarium Site	1,500
6. Kroenke Redevelopment	?
7. Stadium with 75,000 seating + parking	1,000 up
8. Auraria Campus 40,000 students + parking	6,500
9. Ball Arena 18,000 seating + parking	7,000
Total Parking after development (varies p/y)	30,000 +/-

5 Mile Construction Costs

DIRECT COSTS	Per Mile	Unit	5 Miles
Engineering at 7% of Construction	1,006,200	job	$5,031,000
375 Conc Guideway 70' beams at $13,333 each	$1,000,00	mile	$5,000,000
Steel Roadbed track	528,000	mile	$2,640,000
375 Columns & footings at $8800 each	660,000	mile	$3,300,000
375 cross beams every70' at $5300 ea	397,400	mile	$1,987,000
Shipping to Job Site at 25 miles 375 units	187,500	mile	$ 937,500
Erection 375 sections at $5,000 each	375,000	mile	$1,875,000
Electric Power Distribution	1,100,000	mile	$5,500,000
Control Systems	1,700,000	mile	$8,500,000
8 Stations	1,733,000	stations	$15,597,000
Maintenance Facilities	200,000	min	$3,000,000
Vehicles assume 100 to start $77,720 ea	1,554,000	mile	$7,770,000
2 Bridges (100') over River	200,000	mile	$2,000,000
Off site civil at 5%	800,000	mile	$4,000,000
Contingency at 10%	1,500,000	mile	$7,500,000
Subtotal Construction	**$14,327,500**		**$74,637,500**
INDIRECT COSTS			
Administration (5.% project cost)	716,375		$3,700,000
Underwriting Fees at 3% of Total	528,000		$2,640,000
Reserves at 20% of Total	2,288,000		$15,000,000
Subtotal Direct and Indirect	3,532,375		$21,340,000
TOTAL COSTS	**$17,859,875**		**$95,977,500**

Operating Projections

See 25 year Cash Flow Model This old version only considered drive in users. A new model is needed for newer Skyways users that would be going to the Mountains or Colfax Malls or Front Range

Category	year 1	Year 23	Totals for 23 years
	(000)	(000)	
Revenues: (daily pass)	$1.00	$2.28	
Day Workers that drive	4,200	13,416	
$1 Parking share Day Workers	3,300	10,541	
Commuters RTD	750	2,396	
Event Visitors Nights	600	1,917	
$1 Parking for Events	200	639	
Hotel tourists	900	3,575	
Business Visitors	1,800	5,750	
$1 Parking for Business Visitors	450	1,153	
Cargo and Advertising	500	1,613	
$1 Residential Subscriptions	300	968	
Total Weekday traffic	13,000	41,968	
Weekend traffic at 12.5%	650	2,098	
Total Revenues (000)	**$13,650**	**$44,945**	**$649,316**
Costs and Expenses:			
Operating Costs @ 25%	3,413	11,017	162,329
less upgrades & replacement	546	1,763	25,973
Franchize royalty @ 3%	410	1,322	19,479
Total Costs and Expenses	4,368	14,101	207,781
Net Income (Before taxes)	**$9,282**	**$29,965**	**$441,535**
	9.7% ROI	**31.4% ROI**	**18.5%** ave

Have cars become too expensive for the amount of use they get?

Car ownership is nearly universal in the U.S., with 92% of households owning at least one vehicle. Families are hemorrhaging money through car payments, insurance, fuel, maintenance, depreciation, parking, and registration. In many cases, this adds up to more than a family's annual savings—or the cost of sending a child to college every four years. Cars are parked roughly 95% of the time. AI research reveals - Total Annual Cost: Including loan payments, insurance, and upkeep, owning a new car costs about $15,951 per year, while a used car costs around $13,347 per year. See More at: https://www.fastcompany.com/91341903/household-auto-fleet-cars-money-pit

There is a large and growing market for people who want cheaper and more convenient transportation that does not include dragging their car around wherever they go and trying to find an affordable parking spot. Compare the $1,000 to $1,200 per month costs of a car with the $100 potential subscription to an integrated transport system that gets travelers within walking distance of their destination. Then there are students, tourist, the poor and the elderly markets.

Other Studied Sales Opportunities

4 Branson, Missouri- A 6-mile route connecting over 50 theaters and attractions. This is a tourist market with 30,000 visitors per day earning 20% aver ROI based on $3.50 ticket for all day. A $1 Billion real estate development is available. **See a $128 Million Route**

#5 Albuquerque, New Mexico – A 15-mile route with a potential for a $1 billion redevelopment district of the existing Fairgrounds . This route earns 16% ave. ROI based on a $60 per month all day pass. **See a $231 Million Route**

Expected Ripple Effects

* Pan American Corridor Trade (PACT) a Backbone at $18 mil per mile, this costs up to $150 Billion to reach San Antonio over 10 years. The profit potential is staggering, because Latin American cities are poorer, cars are fewer and more unaffordable to most of population. The Olympics site is little used and could become a world Stage worldwide especially with AI and New Media

* Expansion of the Skyways system to the borders of Utah, New Mexico, Kansas, Wyoming and perhaps Nebraska

* Route densification through Spurs and Autonomous Vehicles

* Colorado Playground of 2 million acres surrounding the ski industry

* Real Estate Development around Stations and 25 new Oasis Villages

* A surge in AI Factories connected to Fiber Optics and generating new media

* Hundreds of new Data Centers with new water and electrical sources

* A Huge Surge in uses of AI-Media and the growth of the Universal Mind