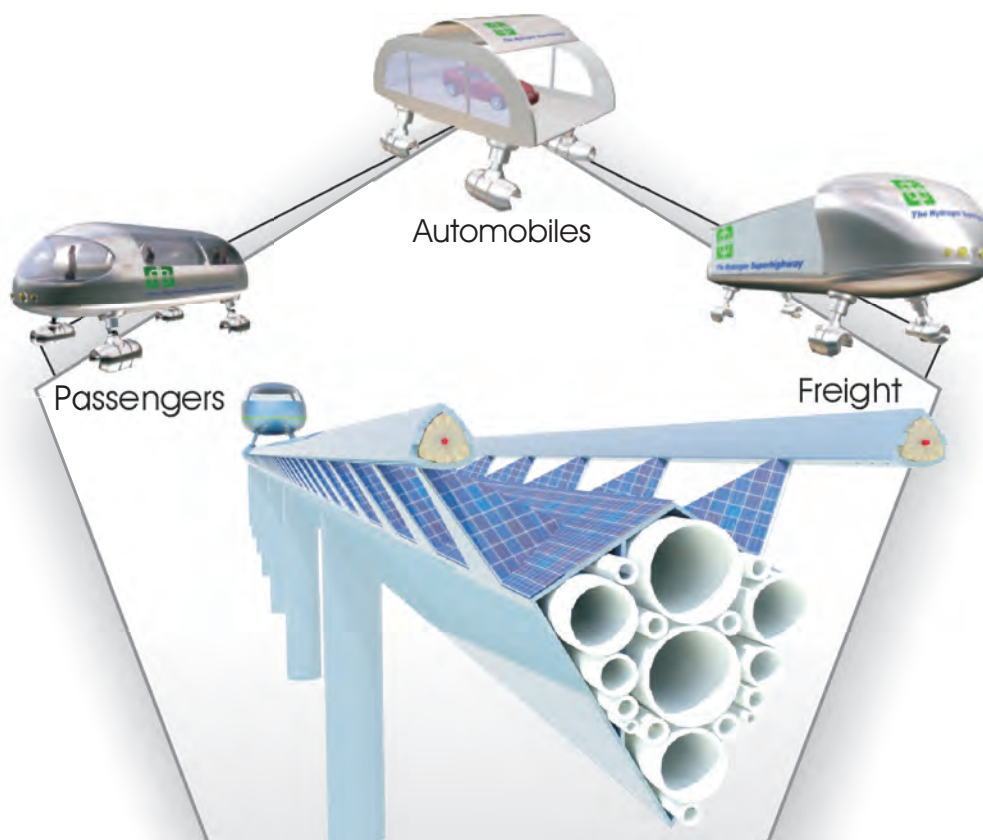




# **WORLDWIDE HYDROGEN SUPER HIGHWAYS INFORMATIONAL SEMINAR HUE UNIVERSITY**



- [www.HyRail.us](http://www.HyRail.us) -
- [www.InterstateTraveler.us](http://www.InterstateTraveler.us) -
- [www.ElevatedRailSystems.com](http://www.ElevatedRailSystems.com) -
- [www.HydrogenSuperHighway.com](http://www.HydrogenSuperHighway.com) -
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# HYDROGEN SUPER HIGHWAY

NOVEMBER 7<sup>TH</sup> 2018

## INFORMATIONAL SEMINAR



HOSTED BY:

# HUE UNIVERSITY



BY SPECIAL INVITATION OF  
THE PRESIDENT OF HUE UNIVERSITY  
DR. NGUYEN QUANG LINH

PRESENTED BY:  
MR. JIM M. JUNG - CEO  
&

COL. ANDRE SAUVAGEOT - DIRECTOR FOR VIETNAM

AUTHORED, TYPESET & DESIGNED BY JUSTIN ERIC SUTTON

EDITED BY JIM M. JUNG CEO

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THE INTERSTATE TRAVELER COMPANY, LLC  
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*2nd Printing*  
*Expanded Edition*  
*12 May 2019*



Nguyen Quang Linh - Hue University President

### **Mission**

The mission of Hue University is to promote the development of Vietnam, especially the Central Vietnam by providing qualified labor forces and advanced and efficient technological - scientific solutions.

### **Vision**

At Hue University, our 2030 vision is to be among the top-tier research universities in Southeast Asia, operating under the national and regional quality standards; and a pioneer and key training base in the system of regional universities.

### **Strategic goals**

The overall development goals of Hue University to 2020 and orientations to 2030 are: Hue University to become a research university; a center for high quality training, science and technology; with a focus on HU's spearhead areas in the fields of health sciences, agro-forestry-fisheries, environment, biotechnology, basic sciences, education, arts; HU's graduates to possess strong political and ethical qualities, to obtain adequate knowledge and professional skills, to have the capability to do research and to apply scientific and technological advances and to actively integrate themselves into the dynamic international workplace environment.

## **Hue University** Over 4,000 on Staff

|                                     |                      |
|-------------------------------------|----------------------|
| 8 Affiliated Universities           | 82 Masters Programs  |
| 2 Schools                           | 11 Baccalaureate     |
| 1 Branch                            | 6 Gifted High School |
| 11 Research and training institutes | 5 Junior College     |
| 1 publishing house                  | 30 Level 1 Medical   |
| 51 Doctoral Programs                | 24 Level 2 Medical   |

### **Awards**

Hue has been rewarded with many State awards for its remarkable achievements, including:

Independence Medal (Third class) in 1998

Independence Medal (First class) in 2012

Independence Medal (Second class) in 2002

Labor Medal (First class) in 2017



*Honored to appear on national television in Vietnam twice this month:  
First Live on VTV3, (SOFA) broadcast early Wednesday morning, 1 May 2019  
Then on VTV1, prerecorded program Saturday night, 4 May 2019*

## Andre Sauvageot - HSH Director for Vietnam

**2008 – current:** Partner / Director for Vietnam, Southeast Asia, Washington, DC. The Interstate Traveler Company, LLC. 4990 South Old US23, Brighton, MI 48116 – [www.InterstateTraveler.us](http://www.InterstateTraveler.us)

**2010 – 2012:** Chief Representative – Vietnam, Arteron Sdn Bhd, Kuala Lumpur, Malaysia. Web: [www.arteronwater.com](http://www.arteronwater.com)

**2011 – 2011:** (1 January – 10 October) Director – US-Vietnam Business Development; Chief Representative – Vietnam, Maventus Group Pte Ltd.

**2007 - 2010:** Director for US-Vietnam Relations & Business Development in Vietnam, AIAK Malaysia—web: [www.aiakswiss.com](http://www.aiakswiss.com).

**2007-2008:** Representative & Senior Advisor, Bombardier Aerospace/Regional Aircraft in Vietnam. Based in USA, with Vietnam visits as needed.

**2004-2006:** Senior Advisor, Oracle Vietnam Pte Ltd. Helped Oracle win international bidding competition to provide its software as part of IT solution for Ministry of Finance. Helped position Oracle for later win with Electricity of Vietnam (EVN).

**1993-2003:** Chief Representative for the General Electric Company (GE) in Vietnam. Established GE Representative Office. Key role in winning contracts for GE Aircraft engines, 3 leased Boeing B767-300ERs to the Vietnam Airline, and major contracts for GE power equipment. Fluent in spoken and written Vietnamese. Conducted GE business in Vietnamese. Testified frequently for GE to the House Ways & Means Sub-Committee on Trade advocating support for the President's waiver of the Jackson-Vanik Amendment against Vietnam.

**1991-1992:** Regional Advisor for the Comprehensive Plan of Action (CPA) to encourage asylum seekers to return voluntarily to Vietnam. Regular visits to refugee camps: Hong Kong, Thailand, Indonesia, Malaysia, Philippines. Explained Vietnam's assistance to returnees (ineligible for resettlement in 3d countries) to reintegrate into their homeland. Regular visits to returnees in Vietnam, supported by Vietnam's Foreign Ministry, Ministry of Labor, Social Welfare and the Ministry of Interior.

**1989-1991:** Political Appointment to the Foreign Service, as "Special Assistant to the Ambassador (in Bangkok) for Indochina Affairs." Did political/economic analysis of Vietnam. Frequent travel to Hanoi during the period, consulting and interpreting for Congressional and Executive Branch delegations.

**1988-1989:** Political Appointment, as Assistant, Regional Political-Military Affairs, East Asia & Pacific, Defense Department. Assisted with transition from the Reagan to the Bush Administration on matters relating to Defense/security issues.

**1988-1988:** (May – October) Bicycle Messenger, Messenger Express, Washington, DC.

**1984-1988:** Manager, International Programs, Northrop Corporation, for Asia/Pacific. Based in Washington, DC office; traveled to the region to work with customers in East Asia and the U.S. Government in Washington.

**1956-1984:** Active duty, U.S. Army. Wartime Vietnam service (1964-73) began as a District Advisor. Awarded Air Medal for heroism in aerial flight and Purple Heart for wounds received in action, 22 November 1964. Other assignments included the Prime Minister's Office, and interpreter for the U.S. delegation to the Four Party Joint Military Commission meetings in Saigon to implement the Paris Agreement and end the war. Promoted to Colonel in 1980, and assigned as the Political-Military Advisor, Bureau of East Asian Pacific Affairs, Department of State until retirement from the U.S. Army.

**1982- 1993** Special Duty: Interpreter (English-Vietnamese language) for Chiefs of U.S. Delegations visiting Vietnam to work with Vietnamese Government to attain the "Fullest Possible Accounting" for Americans missing in action (MIAs) from the war in Vietnam.

Delegations were led by: (1) Richard Armitage, Undersecretary of Defense for International Security Affairs; (2) General John W. Vessey, Jr. U.S. Army (retired), then President Reagan's Special Emissary on MIA/POW Affairs; (3) then Senator John Kerry, Chairman, Senate Foreign Relations Committee and Chairman of Senate select Sub-Committee on MIA/POW Affairs.

**Current Memberships include:** Hanoi Chapter of Amcham; Vietnam-USA Society; Vietnam Veterans of America; US-Indonesia Society; Partner, Human Rights Campaign; American Civil Liberties Union; Union of Concerned Scientists; Veterans for Peace, Chapter 160, Southern Poverty Law Center.





## Jim M. Jung - HSH CEO & Managing Partner

Jim M Jung, CEO, President and Managing Partner of the Hydrogen Super Highway (HSH) project, a world game changing energy and transportation system supporting the Hydrogen evolution. HSH has been featured at key USAFRL and US Navy ONR Energy Conferences and related 'TechTalk' events. Retired NASA Hydrogen Program Manager and Smithsonian Institute inductee Addison Bain, PhD, states, "... (HSH)... will be of great benefit to the states and nations which adopt this system."

Jung is committed to leading the HSH project to its Mission of impacting a new evolutionary era of Energy and Transportation solutions. Jung views the HSH as a PEACE program which will have sustainable impact on the "Quality of Place" for people throughout the world, with positive and renewable impacts on clean air, clean water, sustainable agriculture and advanced energy and transportation solutions.

Jung is an owner of an Out-Of-Home Media technology deploying in Sports Bars enhancing sport fanatics information experiences. Jung also provides executive consulting services and sensitive investigations focused in the school educational space. Prior Jung co-founded an Internet Service Provider that reached top 10 rankings in the U.S., the company built and hosted Microsoft's E-Commerce store. Serving on his B.O.D. were Jack Kemp (VP nominee 1996) and John Couch, one of the first VPs at Apple having reported to Steve Jobs. Jung was CEO/President of the largest per capita market share distributor of cell phones in the U.S. Jung marketed the nation's first Free\* cell phone. Prior Jung was VP of Sales & Marketing responsible for growing an organization into the nation's largest independent tire dealer group with nearly 500 locations across the U.S, including some in Canada and South Korea. Prior Jung was the National Sales Manager of Uniroyal Tire-Private Brand Division achieving the largest single private label contract in the industry. Prior Jung, as Fram Corporation's youngest District Manager grew the 43rd largest district to 5th largest in 4 years. Prior Jung was a Production Supervisor for Rockwell International after college. In college Jung was a founder of J & D Painting to supplement funds for his education, as well as a kitchen worker in his fraternity. Jung grew up working in his family's automotive parts store business, starting as a floor sweeper at 5 years old.

Further accomplishments include \*Experience in Information Technology business acquisitions and mergers \*Negotiated ISP AOL/Tim Warner nationwide cable contract (1 of only 3 in the U.S.) allowing the ISP to provide services to any home AOL/Time Warner cable passed \*Experience in leading organizations from .1 million to over \$60 million with 300+ employees \*A recent significant school project garnering recognition stating, "grateful for...(Jung's) professionalism and collaboration throughout the project". Jung is an energetic, enthusiastic self-starter and leader.

EDUCATION: University of Pennsylvania-The Wharton School-Special Young Presidents Organization Program-1993

Denison University-Bachelor of Arts-Major in Economics, with further emphasis in English, Math, Psychology-1997

Varsity Football Letter Winner-4 Years. Delta Upsilon Fraternity.

PERSONAL: Three accomplished children, three grandchildren, avid reader, speaker and business networker. Jung is a Fourth Degree Knight of Columbus, Member of the Tartar Gridiron Club that worked and saved WSU football in Detroit.



## Justin Eric Sutton - Founder & Managing Partner

Justin Eric Sutton is the Founder and Managing Partner of the Interstate Traveler Company, LLC. A Patented Inventor since February 1995, Justin started his work on rebuilding America's public infrastructure system in March 1995 when he was inspired by news reports which asked the question: "Who will fix Amtrak?" At that time Justin jotted down his first twelve subcategories for the business plan which has since grown to include input from hundreds of people including an Executive MBA team from the University of Notre Dame. Starting with official recognition by the US Small Business Administration and several local bank executives in 2002, Justin and his team won the endorsements Multi County Planning Organizations in the State of Michigan that led to the formal Resolutions from the Michigan House and Senate in 2003 which were read in United States Congress. These resolutions were followed by official resolutions of the Greater Detroit Building and Construction Trades Council, the Michigan Chapter of the AFL-CIO and District 2 of the United Steel Workers of America, and many others.

Education/Work History: Attending Livonia Public Schools starting Kindergarten at age 4, while also receiving an encyclopedic home-school education and small business training, Justin graduated from Winston Churchill High School in 1986 and also graduated from the Livonia Career Center in 86' with a 1 year engineering diploma at 17 years of age. Immediately after graduation Justin attended Schoolcraft College for several years, continuing engineering training and general academics and sciences. While at Schoolcraft Justin was one of the first students to sit in the first industrial robotics class ever offered at the College. He transferred to Western Michigan University to pursue higher level training in Geology / Geophysics with intent to follow the career path of Dr. Carl Sagan. While attending WMU Justin was employed by the University as a professional tutor and student teacher for Freshman and Sophomore Geology students helping dozens of students score high on exams with a deeper understanding of geologic sciences.

After three years at WMU, financial pressures and other family related issues led Justin to retire from academics and go into business with his father at a small startup company in 1992 for the purpose of designing and producing medical instruments. Economic demands led the new firm to provide computer integration services and computer technology training to medical and legal offices. By 1997 Justin was national sales leader for IBM in the field of Voice Recognition (VR) for electronic medical records systems and was profiled in the Nov/Dec 1997 issue of Radiology Management journal of the American Healthcare Radiology Administrators magazine. Justin was also the first person in the country to set up a functional VR system for medical transcription at a Veterans Administration Hospital at a site in Ann Arbor Michigan.

Today, Justin is extremely proud to lead a company that has grown up around his research and now has partner investors from all over North America and around the world. Working with the US Department of Commerce, the first official trade delegation to China was completed in 2004 at the US Embassy in Beijing. In 2007 the Traveler was chosen as one of only ten US companies to be represented by the US DOC in Egypt at their national environmental conference in Cairo and in 2009 was invited by Senator Stabenow to a green energy business leader's round table at the US Capital which led to Justin being quoted in the New York Times. From the Global Border Security Conferences, to the US Air and Seaport Police Annual Security Conferences to the US Maritime Security Expositions, the US Air Force Alternative Energy NOW forum series, US Army / Air Force Energy Forum, and many other events leading the Hydrogen Super Highway to capture the imagination of thousands and thousands of people from all over the world.

# *What is the Hydrogen Super Highway?*

... It is a collection of vital municipal utilities bundled into a Conduit Cluster providing a first-of-its-kind full integration of solar powered hydrogen production and distribution system technology which provides the energy to operate a high speed magnetic levitation ( MagLev ) 'on-demand' public transit network built along any permissible right of way, private or public, such as highways, local roads, power corridors, the US Interstate Highway Systems, etc., where such a machine would be of benefit.

The Hydrogen Super Highway (HSH) is accessed by people, vehicles and freight through Traveler Stations that are built along permissible rights of way or appropriate real estate providing maximum ease of access.

## *The Hydrogen Super Highway...*

Transportation System

Solar Energy Collection Grid

Intelligent Electrical Distribution

Intelligent Electrical Load Balancing

Hydrogen Production & Distribution

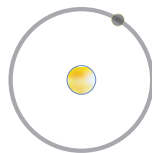
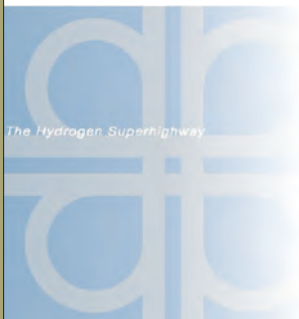
Liquid / Vapor Storage & Distribution

Redundant Fiber Optic Network

Wireless Internet Broadband Access

Embedded Fresh Water Pipeline

Many Thousands of Jobs

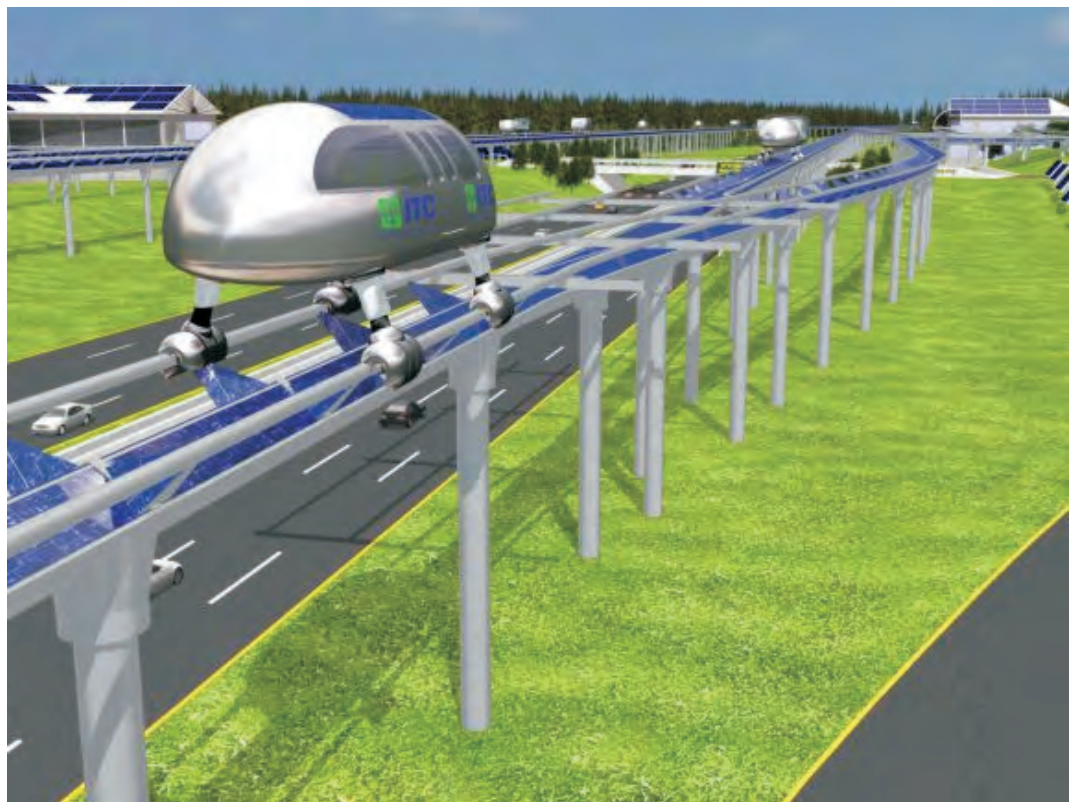
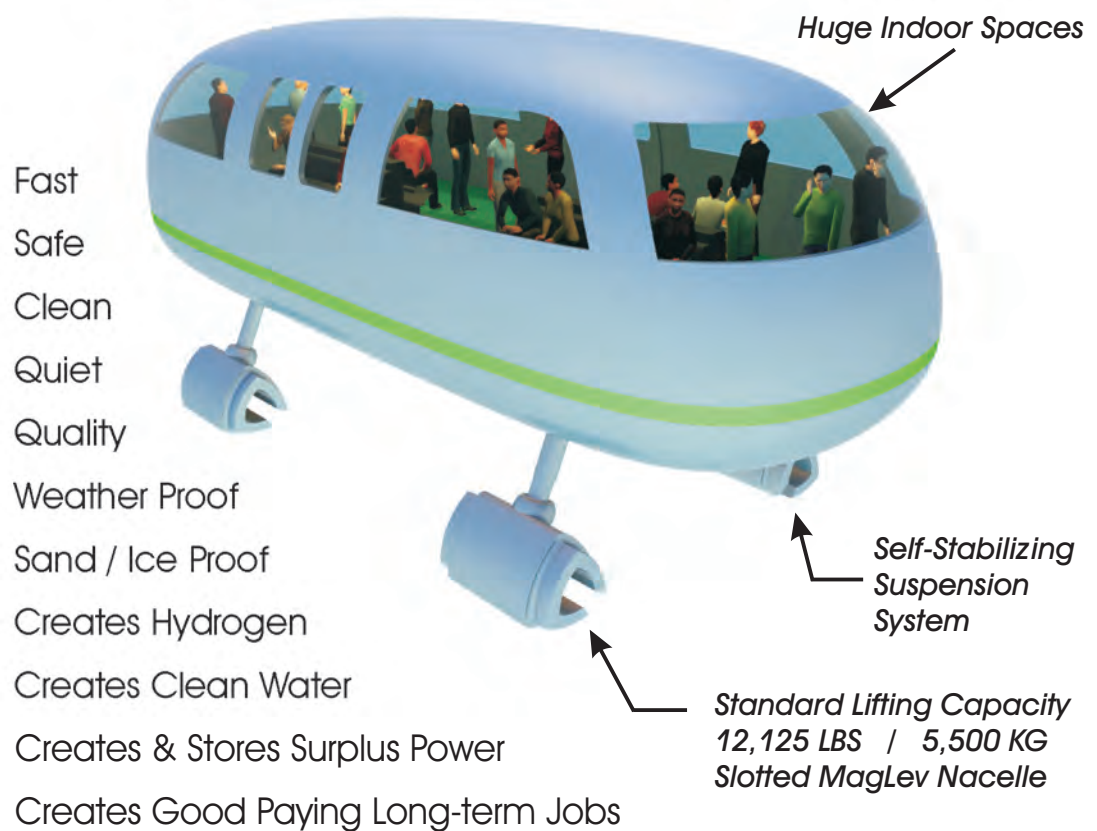






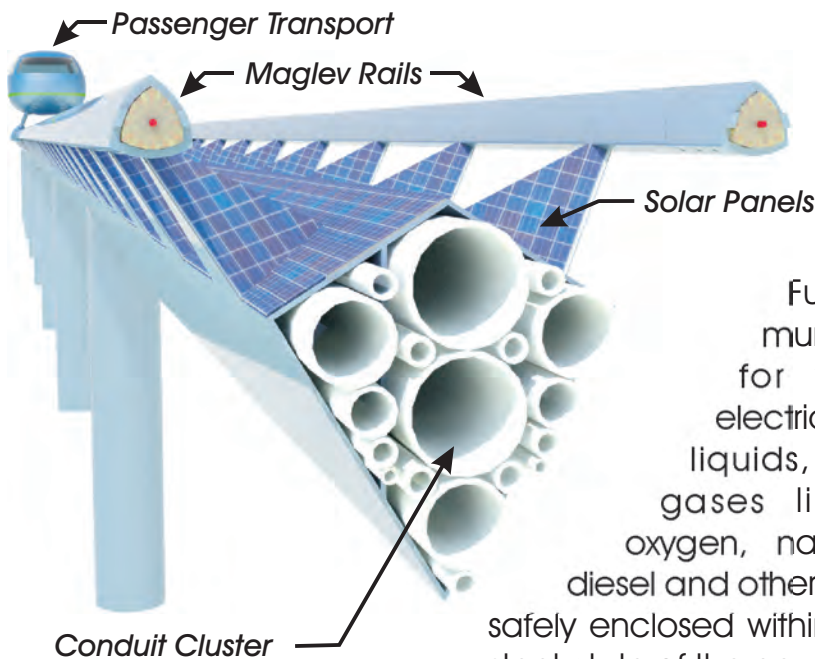
# *The Interstate Traveler*

Hydrogen Super Highway - MagLev Public Transit Network





# The Hydrogen Super Highway



Fully embedded municipal conduit for water, sewer, electricity, fiber optics, liquids, vapors, and gases like hydrogen, oxygen, natural gas, bio-diesel and other types of fuel, all safely enclosed within the protective steel plate of the central support. The

HSH will be able to deliver fuels of all types to filling stations including current gas stations along rights of way saving time and money while increasing distribution reliability and safety.

Best of all, the system will consume liquid waste and generate pure water from Hydrogen.

The Hydrogen Super Highway is ready to serve the growing needs of our nation and of the many nations around the world where infrastructure needs have grown faster than their current infrastructure capabilities.



The HSH bridges the gap of time and distance while creating a far-reaching solar powered, hydrogen production and distribution network. The embedded systems of the Hydrogen Super Highway also create a waste water management system and water purification system that will serve the public for generations to come.



# Ride with Friends

Ride with comfort in the spacious and open cabin area. Enjoy the view out the window as the world slips by at 200+ mph. Like every pilots dream, being able to fly at tree-top level and really enjoy the countryside.



Fast

Reliable

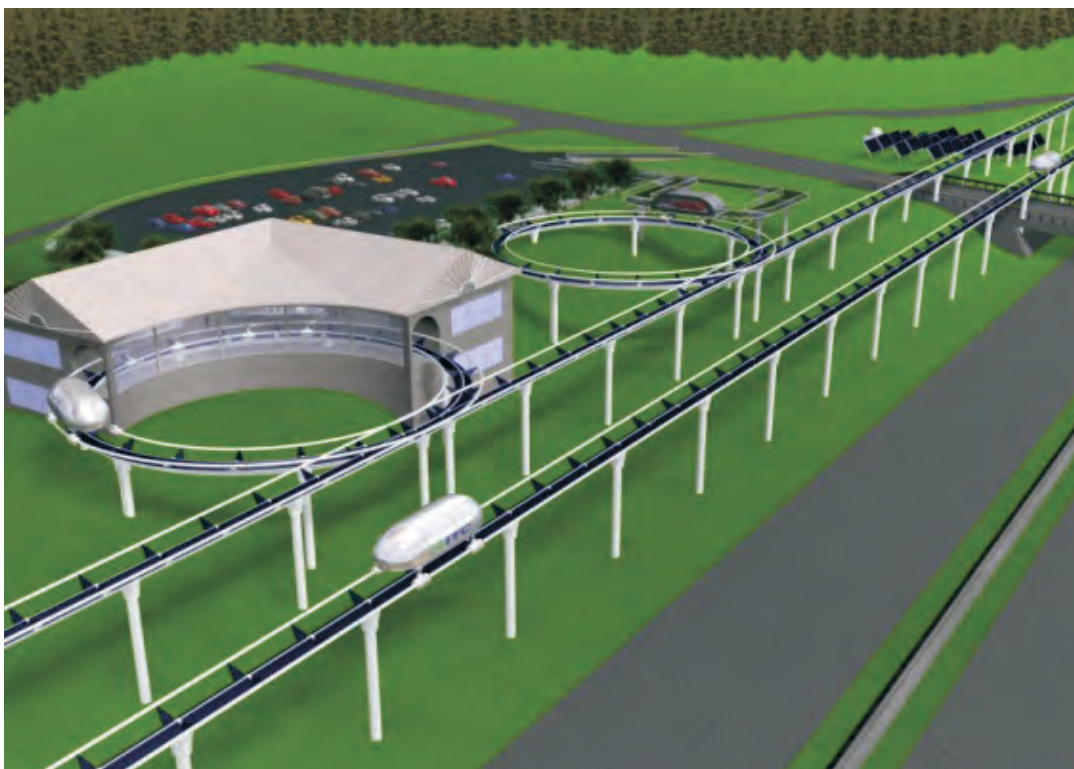
Spacious

Comfortable

On Demand

No other transportation system in the world can give you such a smooth ride and such a priceless panorama of the world around you. Fly safely and quietly high above the din of a traffic jam and truly enjoy your time with friends.

Fixed schedule and on-demand transports means no waiting.





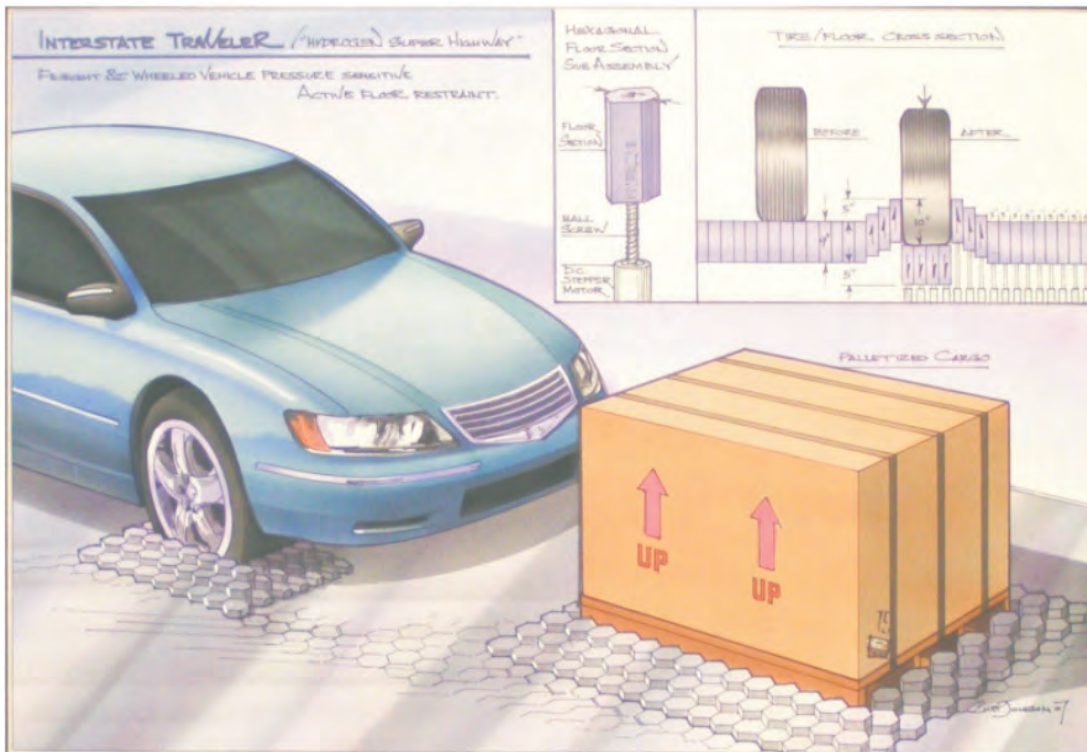
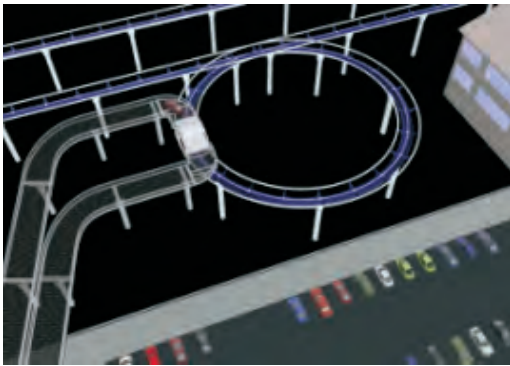
# Ride with Family



The Car Transport is perfect for Family trips over long distances.

On the HSH you will be able to travel with your car, truck or SUV at a high rate of speed. You could even load a bunch of motorcycles for a sunset ride out West or load up the snow mobiles for an afternoon ride 200 miles away.

At 200mph on the HSH, you will be only about an hour away ...



Private

Versatile

Durable

Cars

Trucks

Pallets

Anything







# Ride in Luxury

Office, Condominium, Private Parties

Never before could it be possible for such large, spacious, and comfortable transport vehicles to be constructed and reliably operated across a national network of high speed , super efficient maglev rail.

In the future, many tens of thousands of Grand Traveler Transports will glide the rails from State to State and from Country to Country, gliding quietly above the tree line.

Boasting a living space of more than 2,000 square feet, the Grand Traveler will be the pallet of automotive designers for years into the future creating all manner of custom spaces.

From Sea to shining Sea, from North to South and from East to West; riding the HSH will always be the best.



Huge Area

Commercial

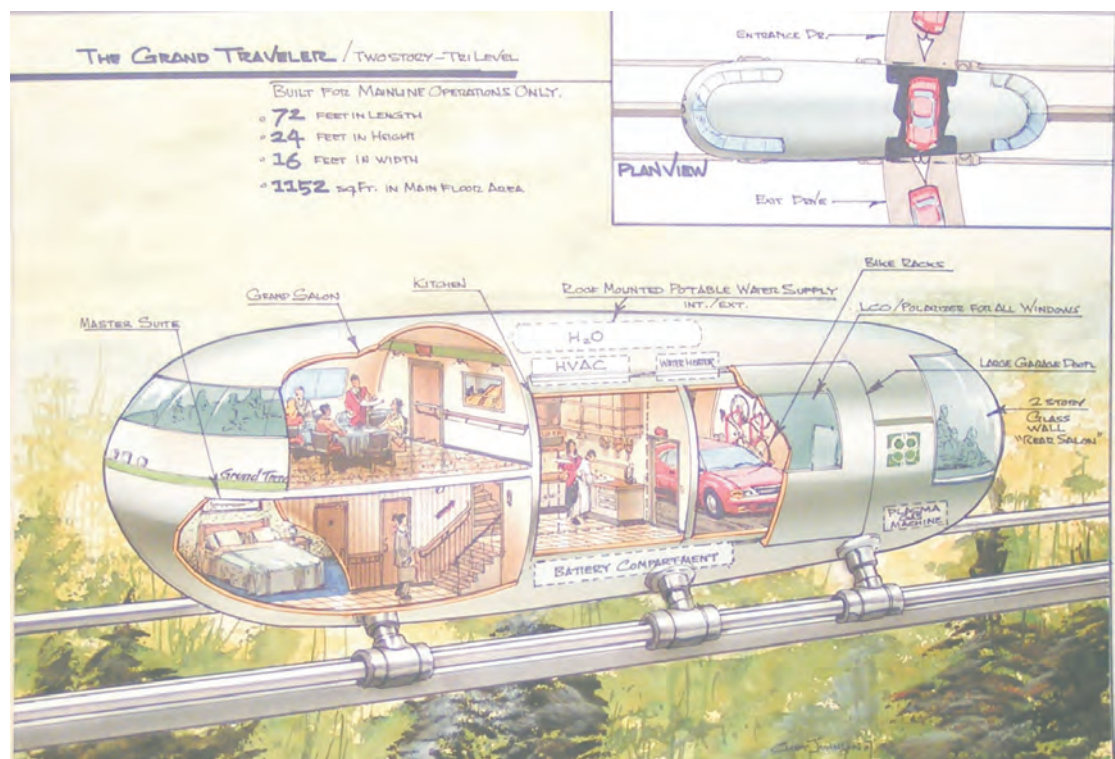
Residential

Club Car

Limousine

Sports Teams

V.I.P.s

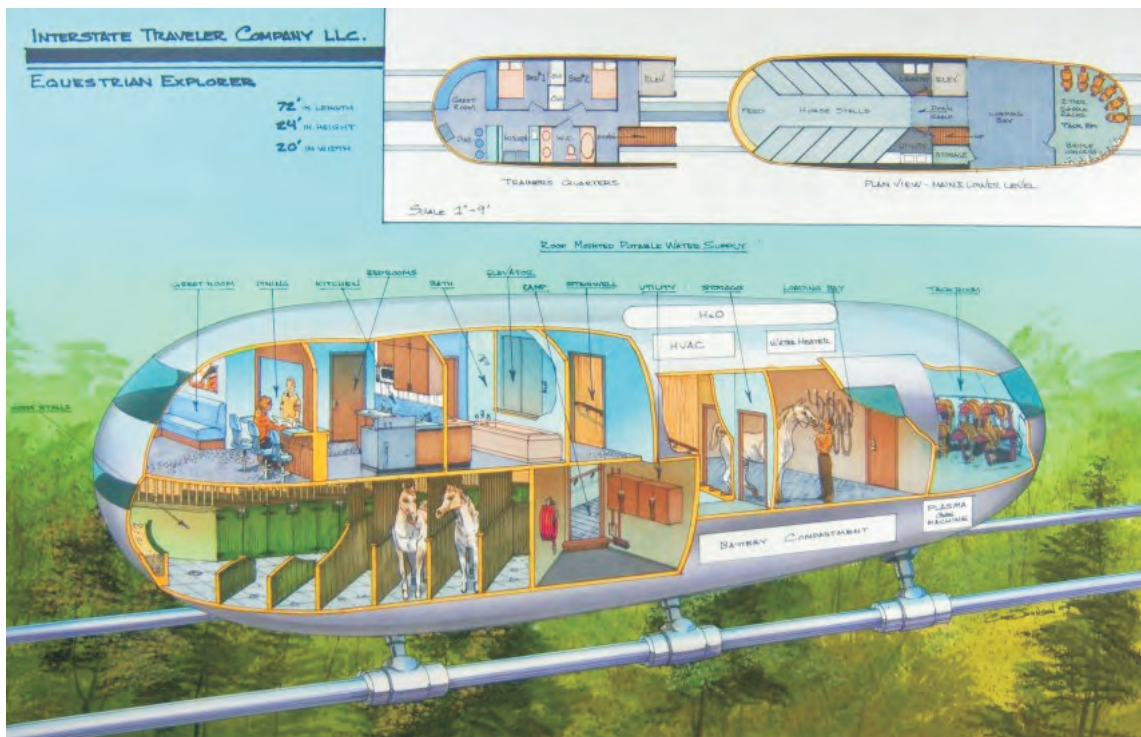
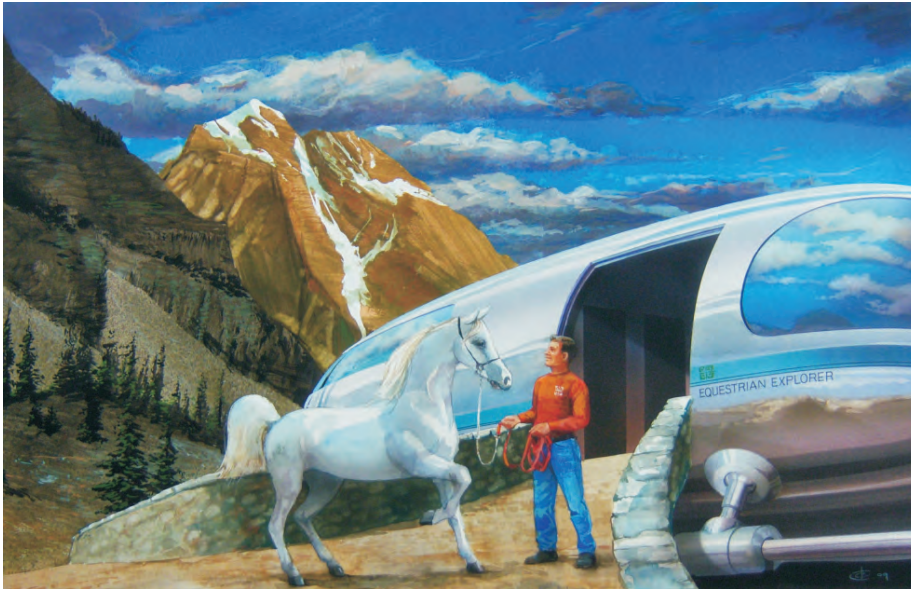


# Sports Model

Able to support 2,000 square feet of space...

Of the many diverse and popular sports and vacation activities, our focus groups suggested we illustrate the system used for a wonderful weekend in the mountains where you can bring a large team of horses and handlers and equipment with you. Pick your favorite sport...

## The Equestrian Explorer



Horses

Street Bikes

Dirt Bikes

Quad Runners

Snowmobiles

Skiing

Snow Boarding

Bicycling

Segways

Hiking

Sight Seeing

Forestry

Ecology





# Triage Traveler

Medical Staff

Imaging

Chemistry

Anesthesiology

Surgery

Fast Travel

Weather Proof



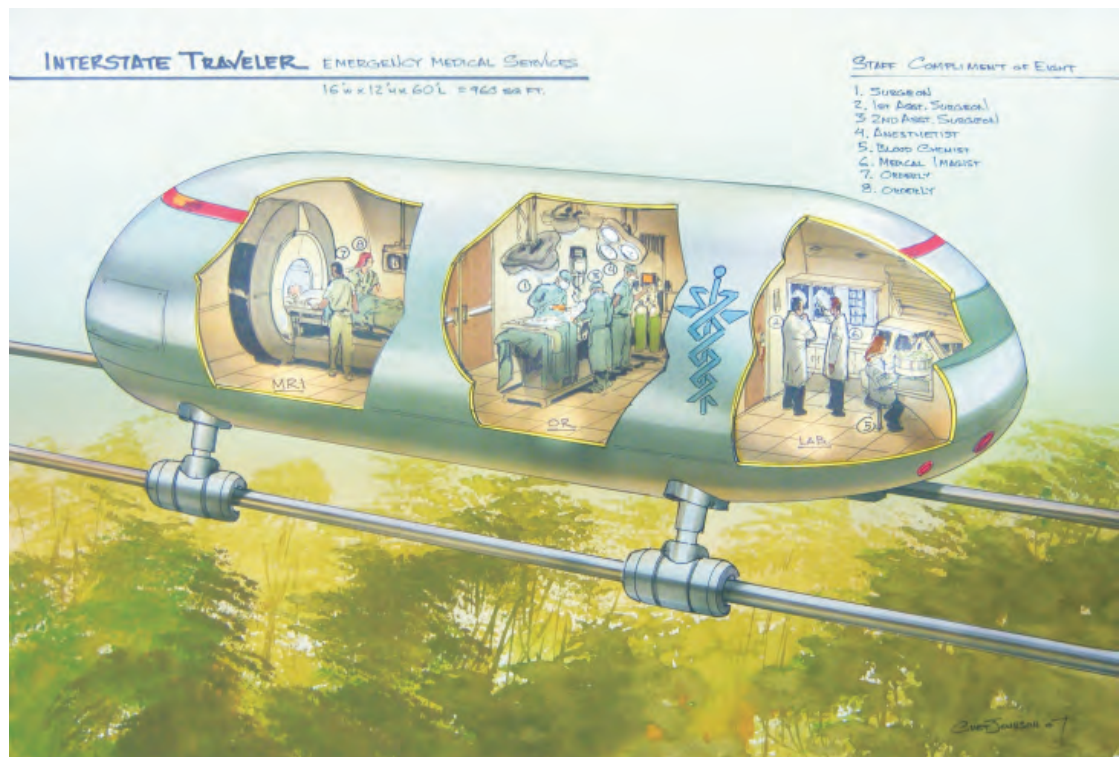
The tragic number of fatalities on American Highways is a harbinger of fate for highways all around the world.

With the Triage Traveler riding on the HSH, we will be there to help save lives.

According to government statistics, more than 35,000 people per year perish on our National Highways alone. Many of whom could have been

saved if they could have gotten to a hospital within that golden hour.

The Triage Traveler will be able to help save lives on the highway responding to emergencies as well as bring EMT and medical expert specialists to any Traveler Station on the network, with staff and equipment, and on a regular schedule to provide services as needed.





# Rapid Rescue

Quickly rescue injured people

We thank God for the people who dedicate their lives to become paramedics, doctors, fireman and policeman. These brilliant, brave and kind hearted people are who we count on to save us when we are in harms way.

Dedicated to those who answer your call for help, the Interstate Traveler Company will dedicate free access and operation to Paramedical Units like the Triage Traveler.

Many car accidents result in a large number of wounded and often outnumber the first responders 2 and 3 to one. The Triage Traveler will bring a staff of medical professionals to the scene of an emergency to lend much needed support and provide high speed delivery of the critically injured to the nearest hospital or Traveler Station to transfer to a waiting ambulance.



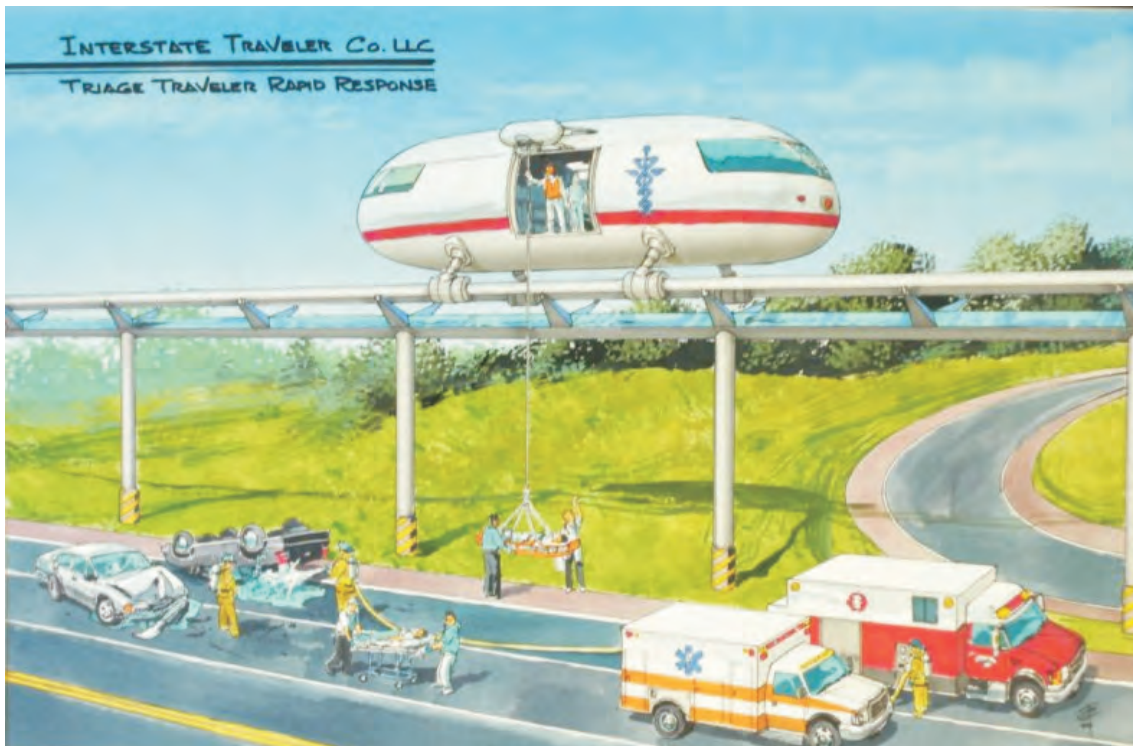
Triage

Surgery

Medicine

Haz-mat

EMS





# Highspeed Hospital

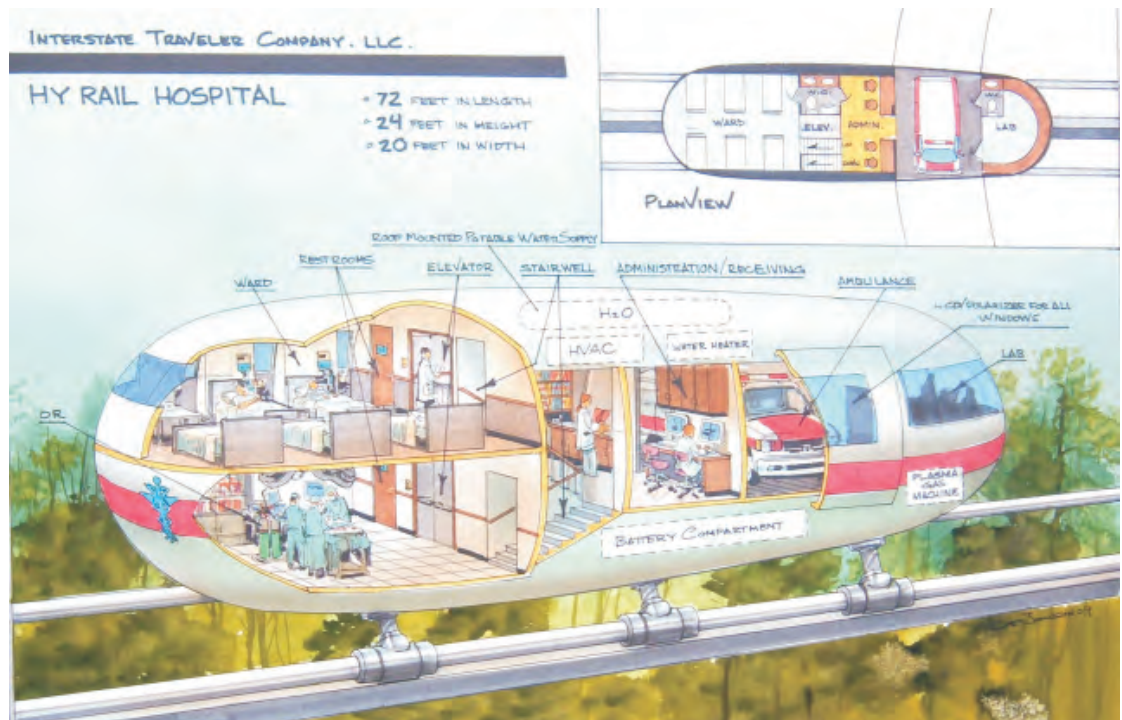
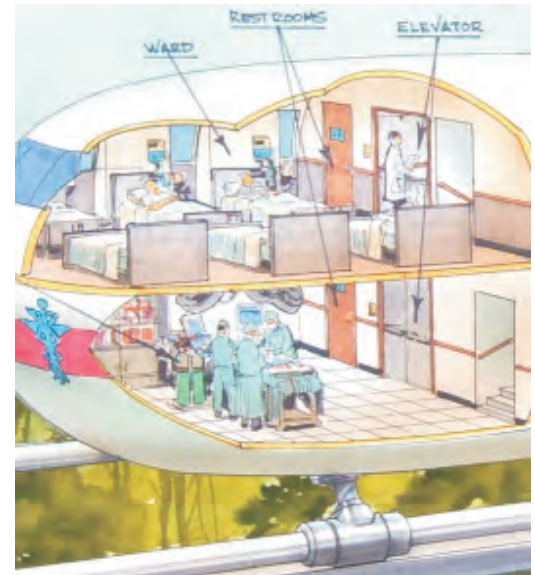
The modern world is now the home of more than 7 billion people and we are all connected by road ways that enable commerce to flourish, but the roadways are not completely safe.

Here in America we have a mortality rate of more than 35,000 people a year on our Interstate Highway System alone, with many more on the surface streets.

Just like the Triage Traveler, we can bring the HSH Hospital to places of need *fast*, yet with the added ability to perform complex medical procedures and transport groups of injured people to long term care facilities.

When you are in need, the Highspeed Hospital will be there fast...

Disaster Relief - Mass Casualty Support - Complex Procedures



6 Bed Ward

Staff of 12

Onboard  
Ambulance

Mass  
Casualty  
Response

General  
Practice



# Wide Doors - Open Spaces

Some of the greatest benefits of the Hydrogen Super Highway are the enormously wide entry doors with huge open spaces and a zero-gap threshold that makes egress with wheel chairs, canes, crutches, walkers, baby strollers and even high heeled shoes practically seamless.



Since the creation of the Americans with Disabilities Act public infrastructure was renewed for the betterment of all people, with or without the need for ramp or hand rail. We are proud of our ability to exceed the current ADA requirements making sure everyone has equal access.

On the HSH, a Traveler will always be at ease and relax in confidence that a Concierge is close by to aid and assist you if you need directions, help with your bags, or in case of a medical emergency.



ADA

Compliant

Secure

Reliable

Comfortable

Accessible







# Civic Centers

With the HSH, the clear waters will flow around the clock.

Reaching back to the great architects of the Bath House, the Public Forum and concepts of a public market area of many small shops, we present this integration of the best of the best.

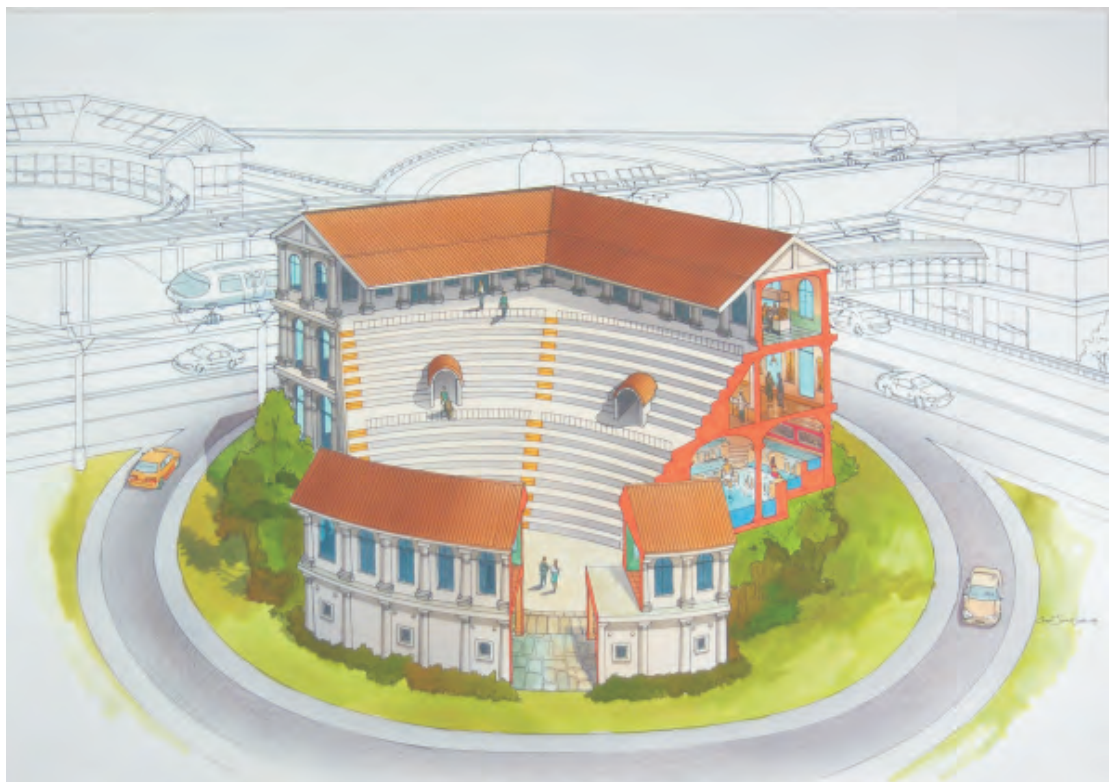


*Rest and Refreshment*

At the Civic Centers visitors will enjoy the greatest facilities in the world having a Clean, Healthy, Happy and Worldly experience.

The Civic Center is a perfect integration of hospitality and entertainment. With a constant flow of pure water, we will be able to support state of the art public pools, saunas, mineral baths and centers for the finest culinary arts. Each will help create jobs in the massage therapy, physical training, inspired Master Chefs of culinary arts and live entertainment.

Whether you want a hot mineral bath, or a cool lap in the pool, it's just a few minutes down the rail to paradise.



Worldly

Local Flavor

Community

Concerts

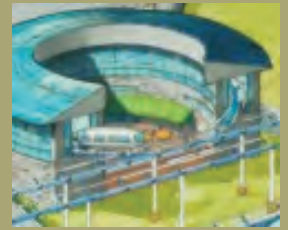
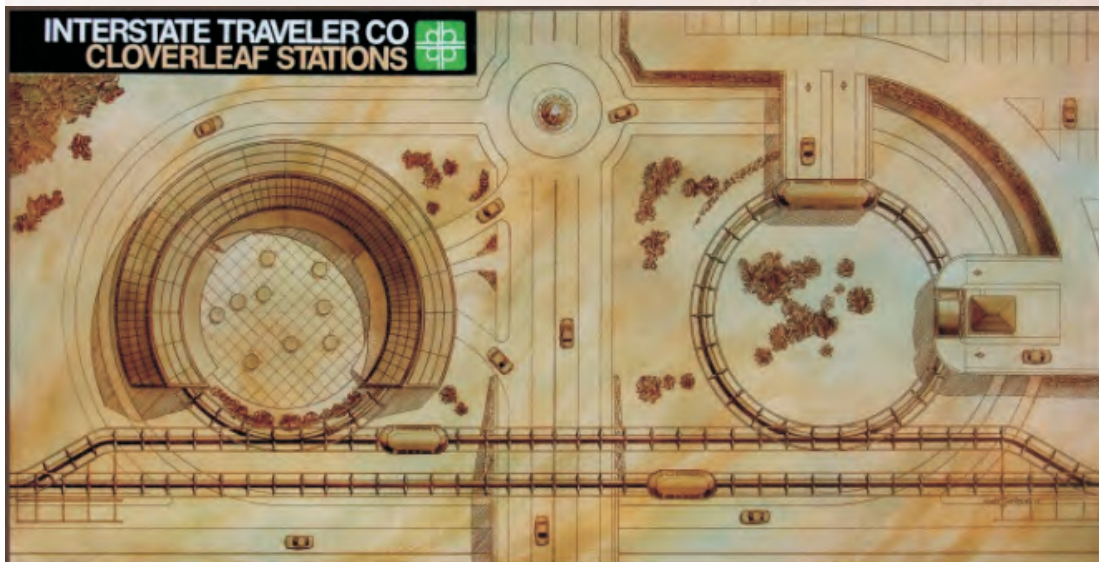
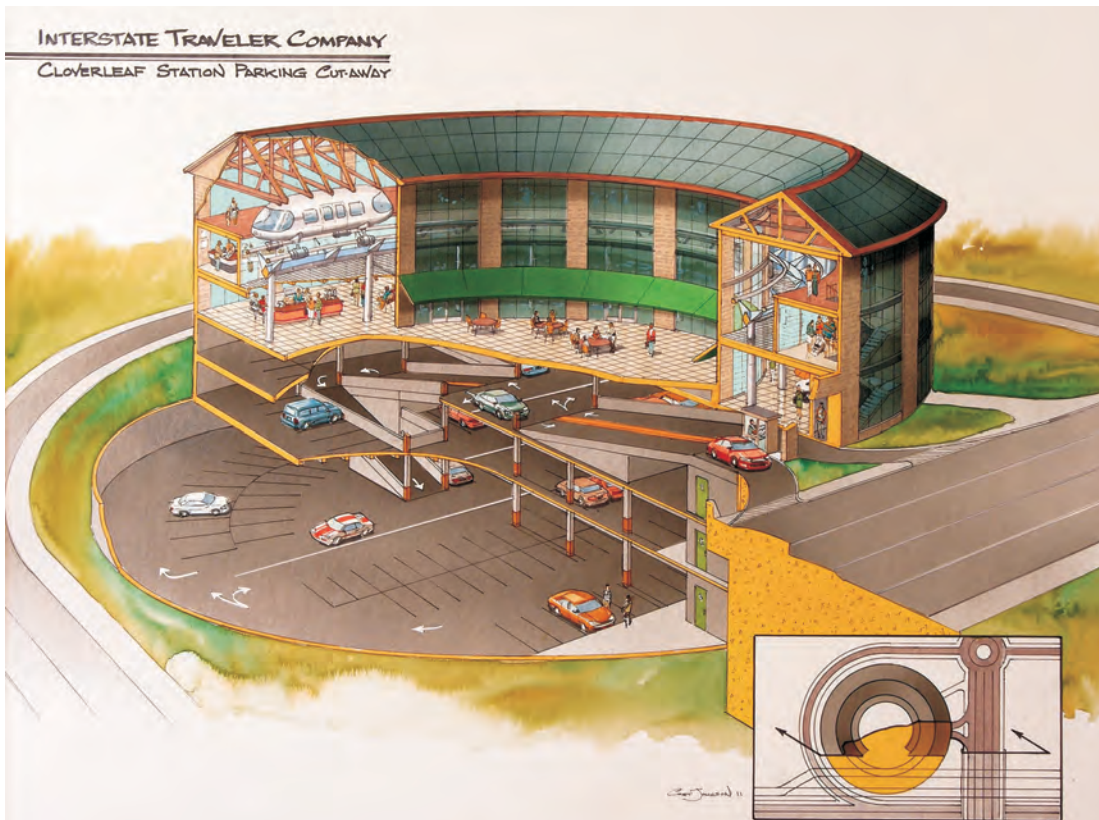
Shops

Spas

# The Traveler Station

Key to the success of any public transit system is access.

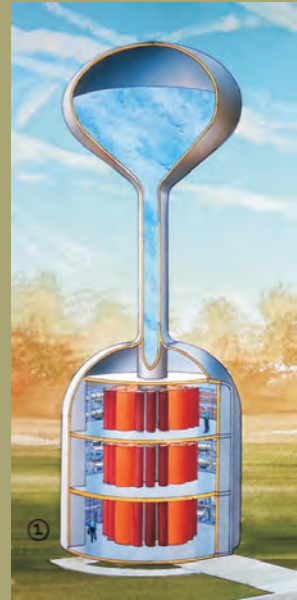
The Traveler Stations can ensure maximum access points for ease of entry and exit to the HSH system. Traveler Stations will enable ease of access, parking, and amenities that will rival any 'public transit stop' in the world in form and function.



Everywhere





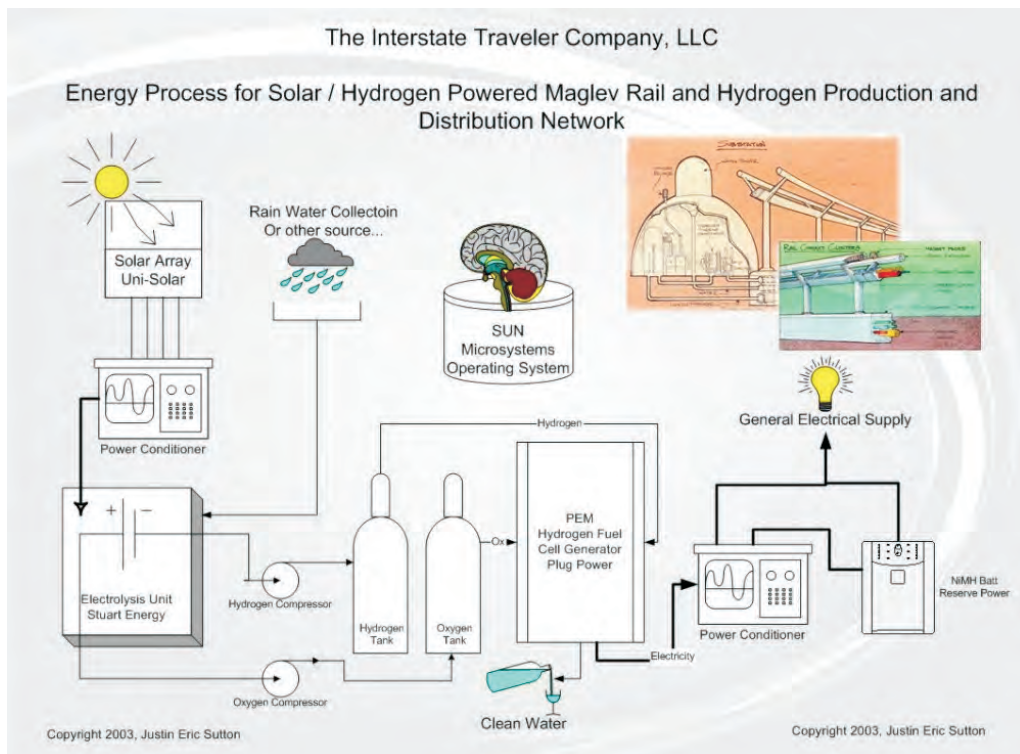
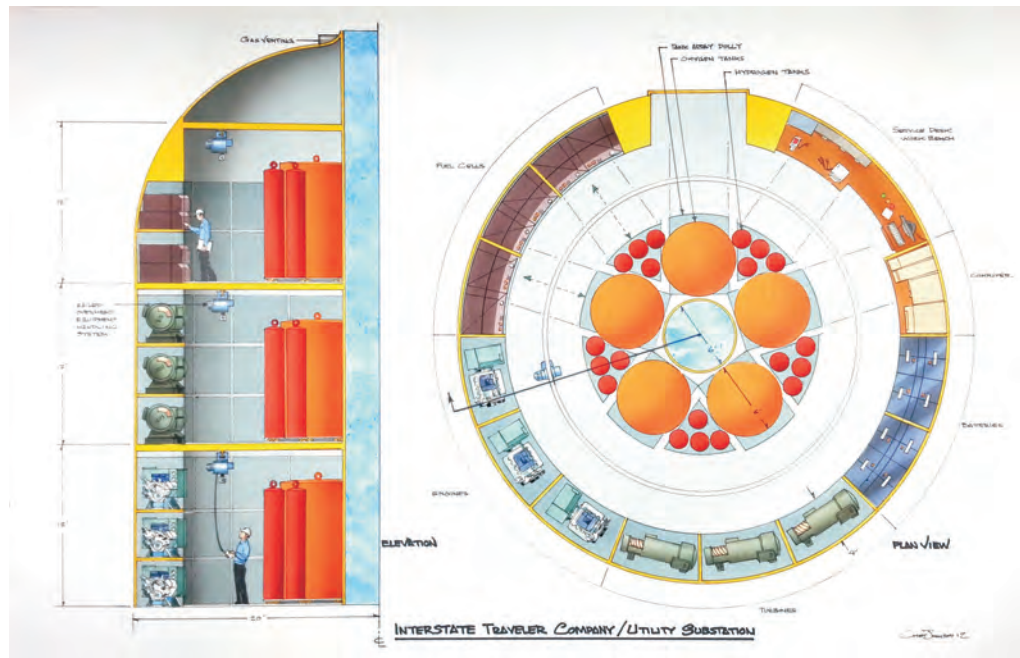


## H2 Plasma

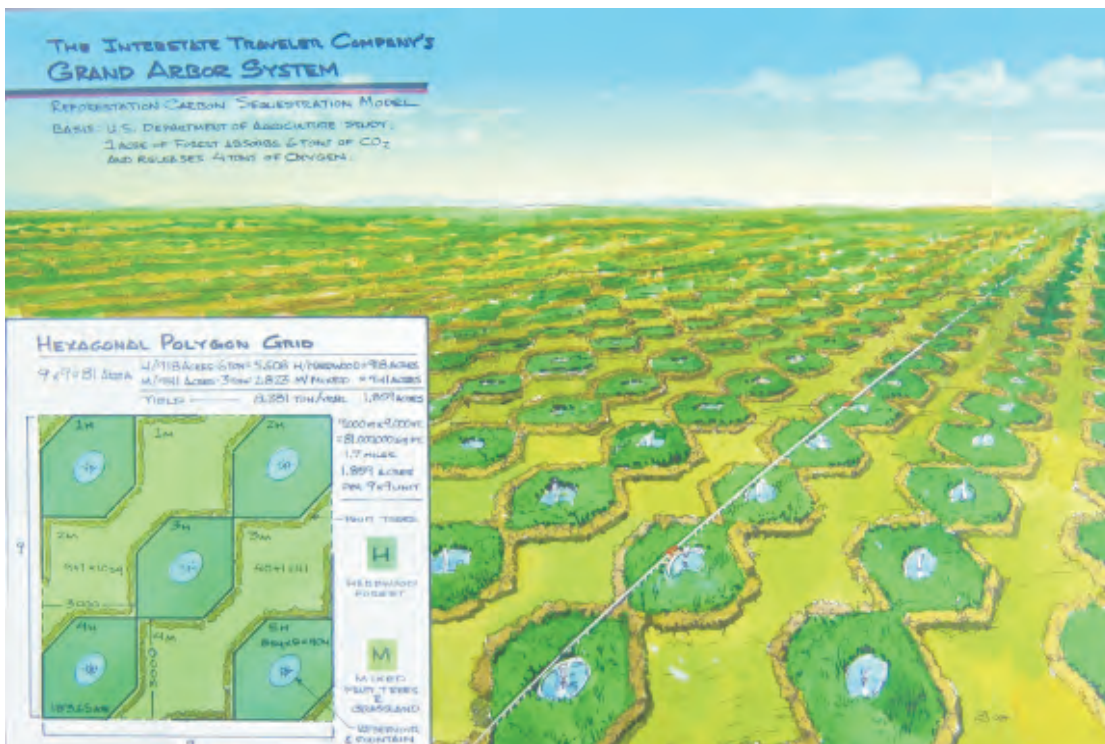
High  
Capacity  
Energy  
Storage  
and  
Distribution

As our world turns into the light each and every day, so stands the Hydrogen Super Highway to receive the light from the rays of the sun and put it to good use serving millions of travelers around the world.

Bridging the gap of time and distance with municipal scale utility systems, the HSH enables the world to grow into the green economy.







## Agriculture

## Sanitation

## Hydroponics

## Aeroponics



Fast

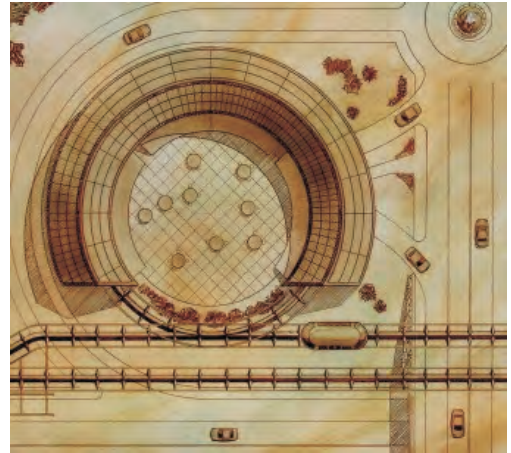
Efficient

Safe

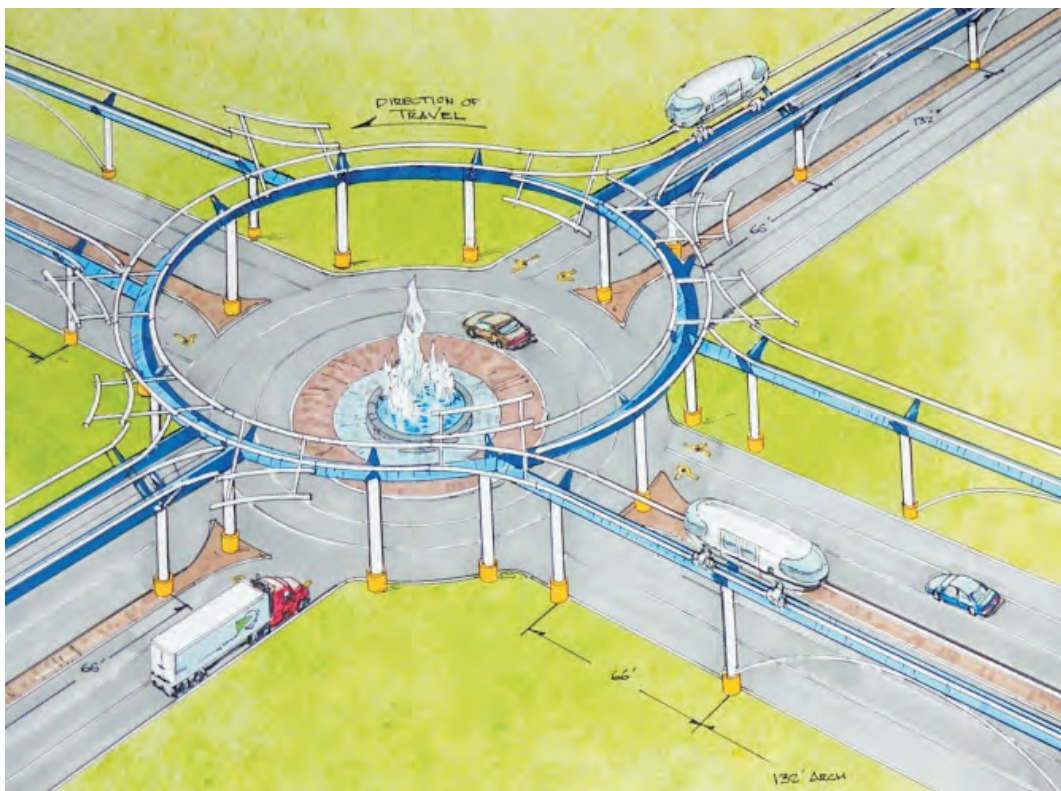
# Round-About

The safest way to handle roadway intersections.

Looking forward to safer roads and the replacement of typical road way intersections where traffic lights direct the flow of traffic in an unreliable and inefficient manner, the Round-About is becoming more prevalent. Studies have shown that traffic lights waste time and fuel and create a false sense of security that leads to fatal car accidents by the thousands.



The Hydrogen Super Highway is a natural fit for all Round-About traffic circles large and small and will safely transition maglev transports to and from intersecting rail networks safely and with quickness.





# Optimize Utility Corridors



It has been said for many years that no new highways will be built in America. Well, that may be true, but with the HSH the existing electrical energy "highways" of high-voltage hi-tension lines can be upgraded to move more than just electricity.

Our continents are criss-crossed by thousands of miles of high-tension lines. With the HSH the utility companies that own those lines can reap the benefits from recycling all that bulk metal and reap the benefits of building commercial roads, condos and businesses where they could not exist before...

Even Rail Roads will also be able to reap the benefits. The hundreds of thousands of miles of Rail Road rights of way can be quickly upgraded without disturbing the existing heavy rail system that is in place. With the Highways, the High-Tension line corridors, and the Rail Road rights of way all coming on-line together, the greater number of people will be employed and served for generations to come.



INTERSTATE TRAVELER AS REPLACEMENT  
FOR ELECTRICAL TOWER CORRIDORS.



Recycle

Reuse

Recuperate

Reinvigorate

New Roads

New Highways

New Villages

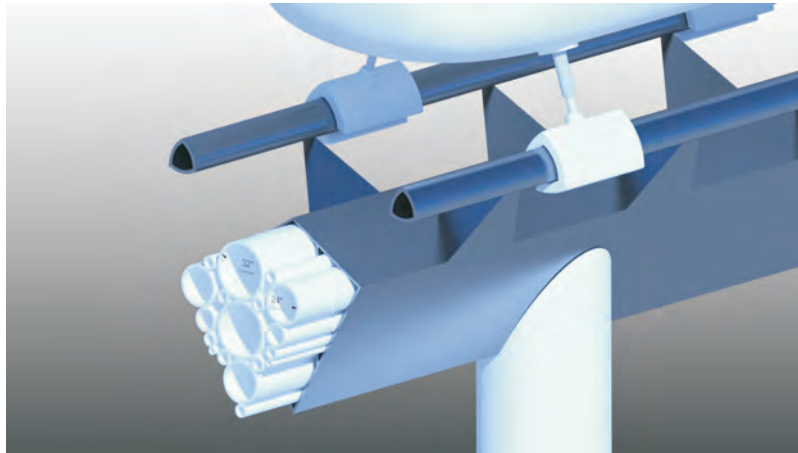
New Cities





# Structural Rail Geometry

Huge Load Capacity ... Exceeding 100 Tons

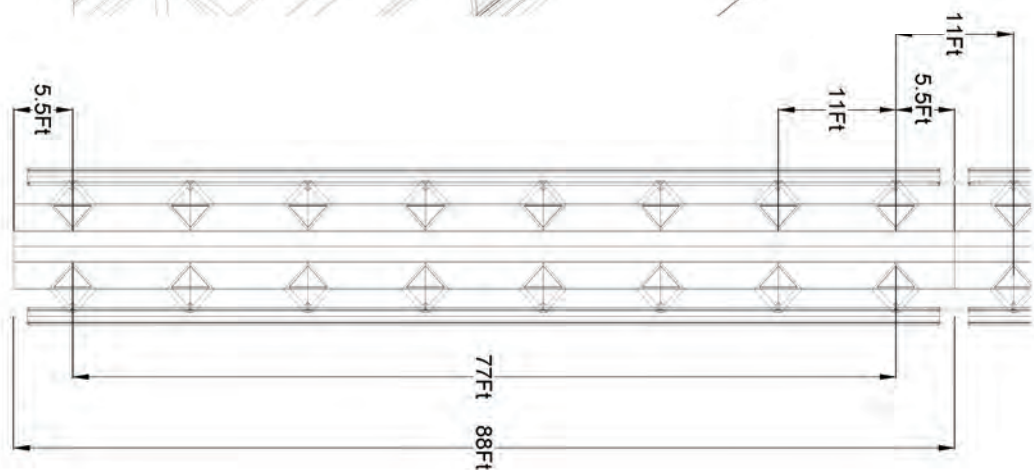
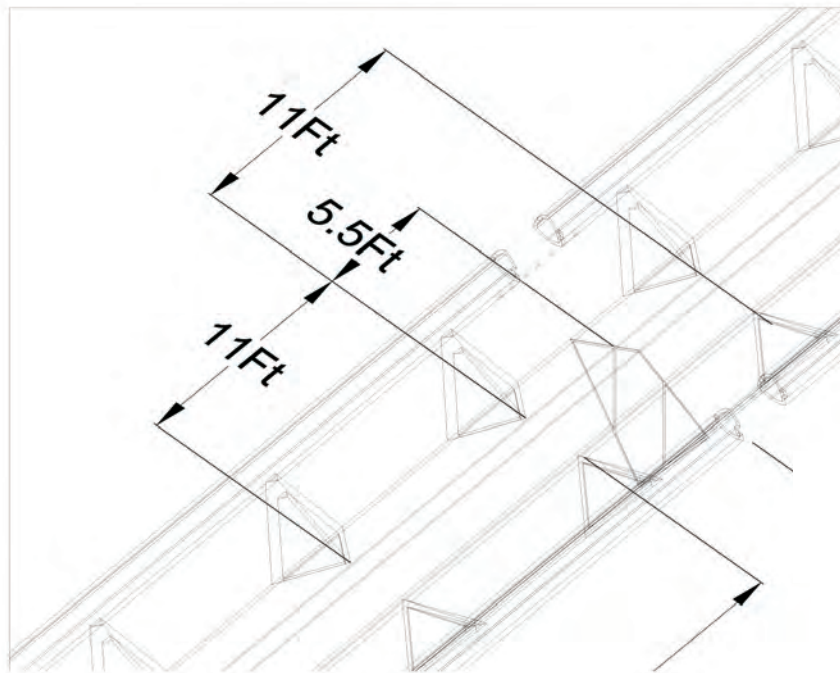


CAD

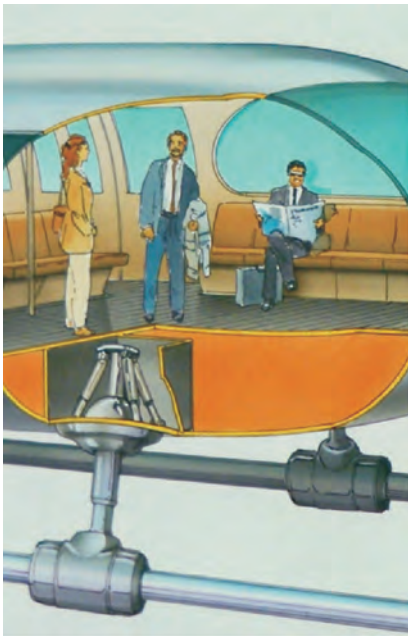
CAM

FEA

FMA



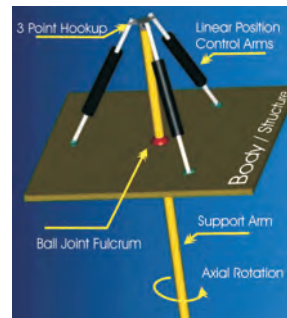
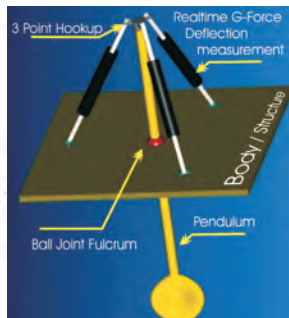
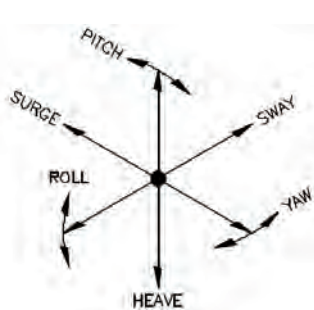
# Dynamic Suspension



The great and uniquely successful attribute of the Hydrogen Super Highway is G-Force mitigation made possible by our unique ballpoint cantilever suspension system.

Using realtime kinematic feedback from a pendulum or solid state accelerometers, the HSH Transport suspension system can feel the G-Forces from speeding up, slowing down and banking on curves to automatically adjust the three dimensional attitude of the transport keeping the forces perpendicular to the floor.

When it comes to transit rail technology...  
...the HSH will keep you upright.



G-Force  
Mitigation

Automatic  
Pitch  
Control





# Magnetic Levitation

The unique and practical application of radially arranged magnetic fields enables the most versatile maglev transportation system possible hosting motors of almost any size and combination.

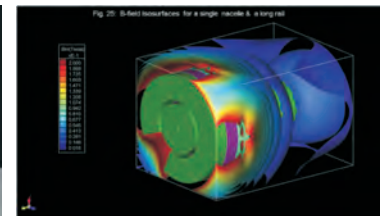
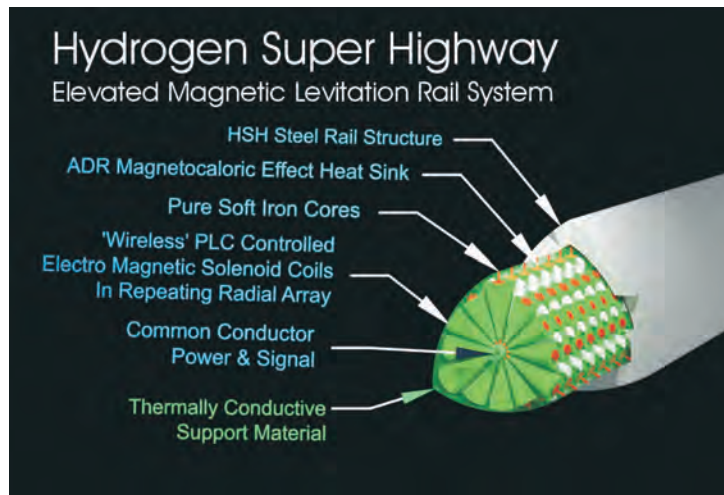
Whether your transport has two motors, six motors or even twelve, or you own a fleet of 500 freight transports the rail will efficiently optimize any number of motors on any number of vehicles and save you real money.

Powerful

Versatile

Efficient

Quiet



FEA Virtual Load Testing

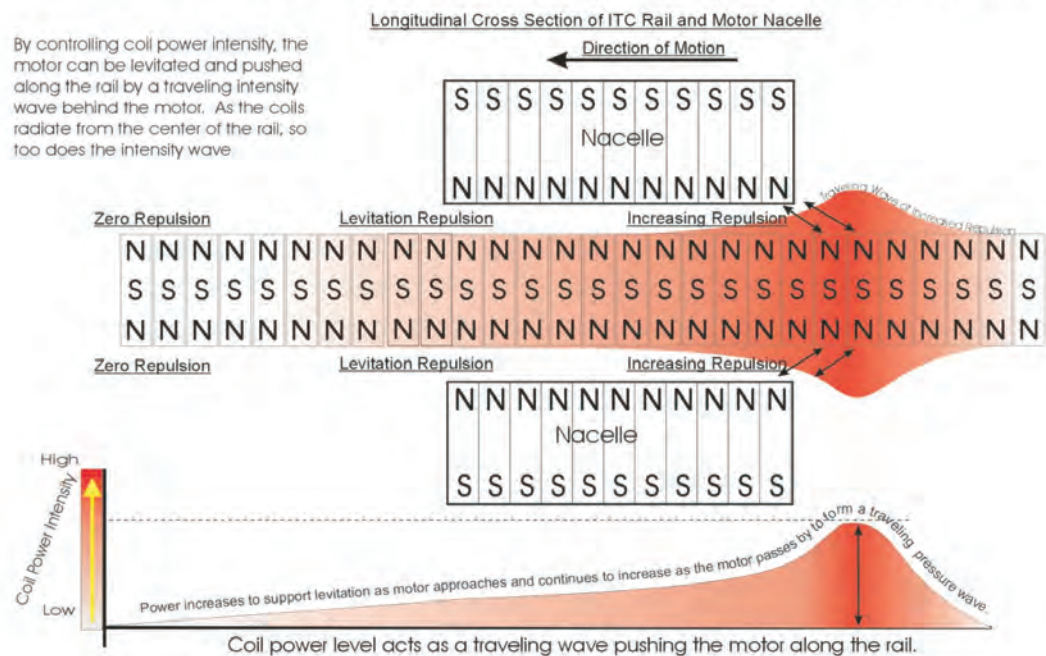


## Interstate Traveler Linear Motor and Levitation Coil Arrangement

### Traveling Wave Linear Propulsion

(One of several methods to employ the ITC Rail Coil Arrangement to provide levitation and position control)

By controlling coil power intensity, the motor can be levitated and pushed along the rail by a traveling intensity wave behind the motor. As the coils radiate from the center of the rail, so too does the intensity wave.





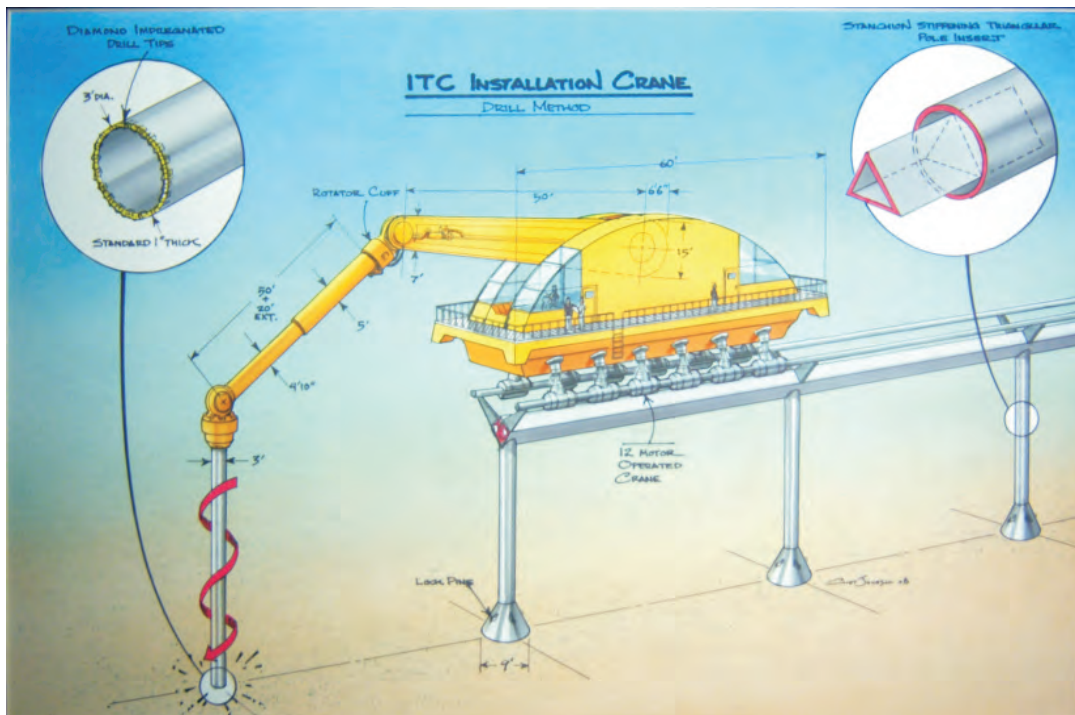
# Rapid Installation

From bedrock to soft soil, the HSH Installation Crane can set up stanchions fast. Using the stanchion poles themselves as giant drill bits we literally can drill our supports directly into bedrock.

With our logistics predicting a combined output of more than 2,000 sections of rail per day when considering the production of 12 factories working together in America resulting in rapid system installation capability and minimal disturbance of the surroundings during the installation process.



With the ability of multiple Rapid Installation Cranes working, the rapid pace of installation ensures an efficient and growing network to serve the needs of people and industry.



Fast

Automated  
Installation

Any Time

Any Where



# Containerized Freight

Secure

Fast

Easy to Use

Stable

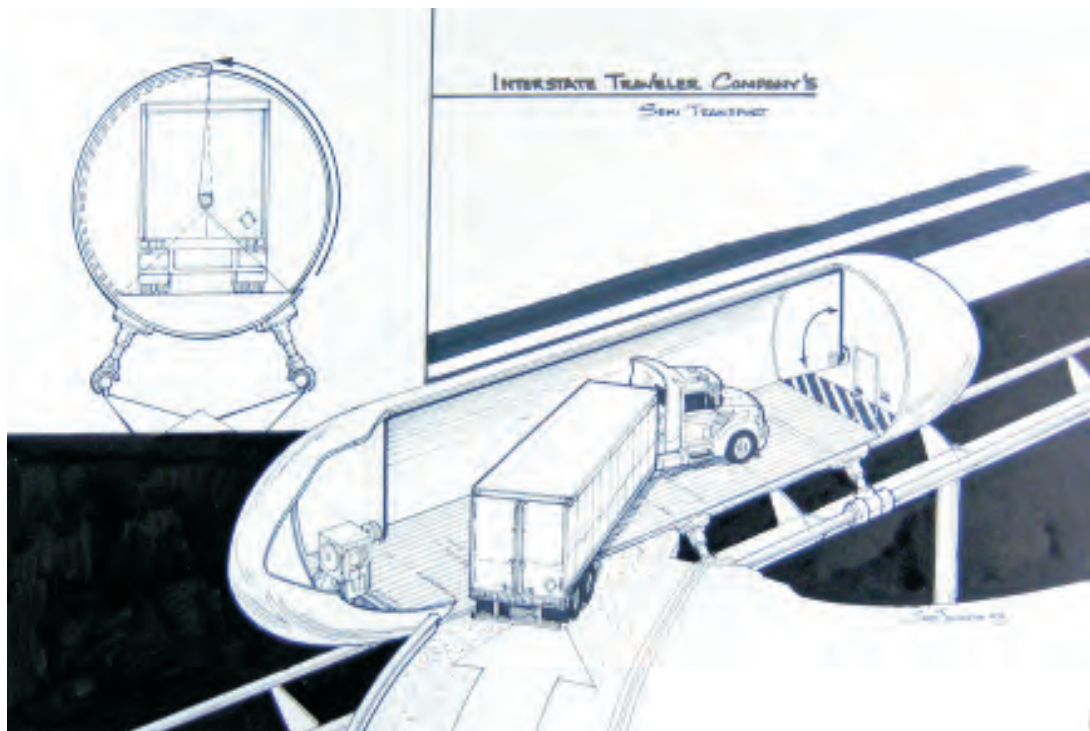
Reduced Risk

The integration with Port Security is clear to see with the fast and simple container transports. As the HSH network expands, so will the access points for Containerized Freight.



One step above containerized freight will be the closed shell flat bed, just big enough to load an 18 wheeler, Tractor and all. You will be able to send your Driver, your Truck and your Freight to any place in the Country without the worries of traffic jams or bad weather.

Traditional freight haulers, air cargo, heavy rail hubs and sea ports will all be linked together creating an even greater national distribution network from Port, to Hub, to Factory to Consumer accelerating our economy globally



# *Ten Primary Deliverables*



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

## *Regional Economic Development*

Long term employment from construction and operations of our rail system will lead to sustained regional economic development as well as stabilization of property values.

The increase in local land values may exceed 200% in some locations and in some places much more.

The presence of reliable transportation and infrastructure that is resilient to earthquakes will attract greater 3rd party investment.





Hanoi to HCMC

1,961 KM

Side Tracks

80 KM

Total System Length:

2,041 KM

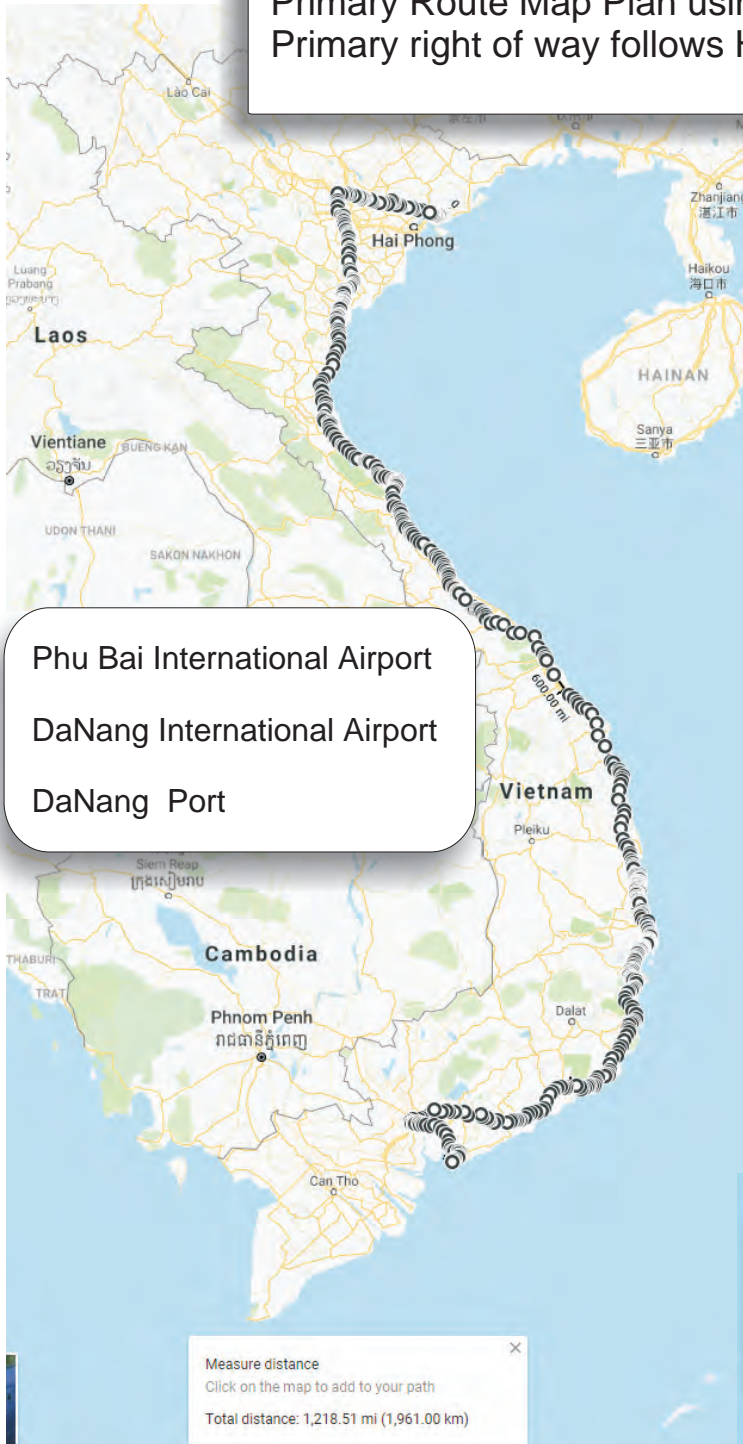
Estimate Cost / KM

\$13.9 M USD

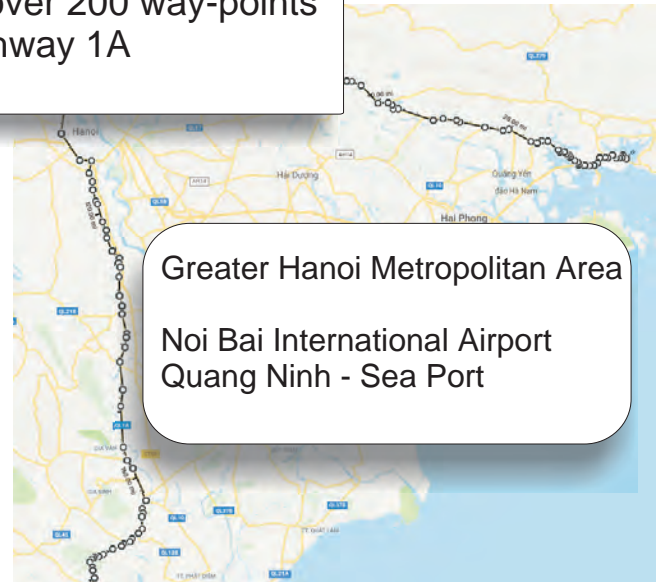
Total System Cost:

\$28.4 B USD

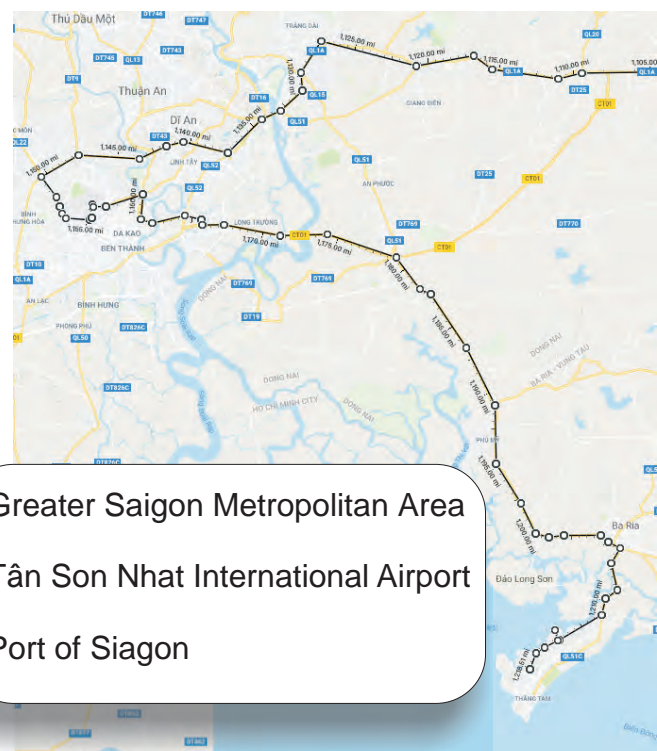
Primary Route Map Plan using over 200 way-points  
Primary right of way follows Highway 1A



Phu Bai International Airport  
DaNang International Airport  
DaNang Port



Greater Hanoi Metropolitan Area  
Noi Bai International Airport  
Quang Ninh - Sea Port



Greater Saigon Metropolitan Area  
Tân Sơn Nhất International Airport  
Port of Siagon

**Proposed SRV  
Super-Port  
Transportation &  
Energy Security**







# Interstate Traveler Company, LLC

*HSH SRV Hanoi to HCMC*

Total KM of Primary Rail 1961

Edit Values in Yellow to Recalculate

## Project Summary and Analysis Tool

|   |         |
|---|---------|
| Total Miles (Including Side Track and Main Line)      | 1267.46 |
| Total Kilometers (Including Side Track and Main Line) | 2041.00 |
| Total Pedestrian Passenger Transports                 | 406     |
| Total Simultaneous Passenger Capacity                 | 40,000  |
| Total Car Transports                                  | 200     |
| Total Freight Transports                              | 200     |

Total Square Feet of Solar (Rail) 107,075,105 pv-sqft

**Total Area of PV in Acres: 2458** /acres

Total Watts / Square Feet 20

Total Watts / Hour 2,141,502,106

Total Solar Hours 6

Total Watts per Day 12,849,012,634

Total Watts per Year 4,689,889,611,264

Total KW per Year 4,689,889,611

Average Value / Kw \$0.10

**Average Annual Kw Value \$468,988,961.13** /year

Total Cost for System \$28,414,694,159.60

Projected Annual Revenue (Fairbox, Rent, Advertising) \$10,921,884,000.00

Return on Investment (after operational 100% Rev) 2.60 Years

Return on Investment (after operational 50% Rev) 5.20 Years -ROI

Return on Investment ( 50% Rev +Startup Time ) 7.78 Years

Public Share on Public ROW 50%

**Projected Annual Income (Private) \$5,460,942,000.00**

**Projected Annual Public Share \$5,460,942,000.00**

**Total Expected Direct Employment 10,205 JOBS**

*Hospitality and Concierge*



# Interstate Traveler Co. LLC

October 21, 2018

## Rail Installation Analysis - Hanoi to HCMC

1961

Total KM

1 mile = 5,280 feet

1 Kilometer = 3278 feet

1218.51 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 of   |
| 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  | 20.943618337144      |
| 33  | Kilometer                 | Supplemental Conduit                                  | \$3,278.00     | \$108,174.00    | \$11 per foot        |
| 2   | Kilometer                 | Fiber Optics  | \$16,000.00    | \$32,000.00     | figured at \$5/ft yr |
| 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 | Sidetrack to access to 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         | \$1,500,000.00 | \$0.00 |  |
| 0   | Each  | Car Ferry           | \$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              |  |
|---------|-----------|---|-----------------|---------------------|--|
| 1961.00 | Kilometer | Hanoi to HCMC - Primary Right of Way                    | \$12,161,535.60 | \$23,848,771,311.60 |  |
| 80.00   | Kilometer | Sidetrack to access to Traveler Stations (.4KM/Station) | \$12,161,535.60 | \$972,922,848.00    |  |
| 1218.51 | Miles     | Essential Lineal Parallel Track                         |                 |                     |  |

### Stations and Terminals

|     |      |  |                 |                    |  |
|-----|------|--|-----------------|--------------------|--|
| 6   | Each | Grand Terminal Stations                          | \$80,000,000.00 | \$480,000,000.00   |  |
| 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    |  |
| 5   | Each | Air and Sea Port Construction / Integration      | \$90,000,000.00 | \$450,000,000.00   |  |

### Transports

|     |      |                        |                |                  |  |
|-----|------|------------------------|----------------|------------------|--|
| 6   | Each | Grand Public Car (GPC) | \$8,000,000.00 | \$48,000,000.00  |  |
| 400 | Each | Commuter Public Car    | \$2,000,000.00 | \$800,000,000.00 |  |
| 200 | Each | Freight Car            | \$1,500,000.00 | \$300,000,000.00 |  |
| 200 | Each | Car Ferry              | \$1,500,000.00 | \$300,000,000.00 |  |
| 5   | Each | Medical Transport      | \$5,000,000.00 | \$25,000,000.00  |  |

|         |                                  |  |                     |     |  |
|---------|----------------------------------|--|---------------------|-----|--|
| 406     | Total Commuter Cars              | Total Cost for Interstate Traveler Installation              | \$28,414,694,159.60 |     |  |
| 200     | Total Car Ferry                  | Cost of Steel at 1200 dollars per ton at 30 tons per section | \$4,015,316,448.00  | 16% |  |
| 606     | Total Transports                 | Balance  | \$24,399,377,711.60 | 86% |  |
| 306     | Total Stations                   |  |                     |     |  |
| 2.63    | Total Cars / Station             |  |                     |     |  |
| 2,041.0 | Total Kilometers                 |  |                     |     |  |
| 1,267.5 | Total Miles                      |  |                     |     |  |
| 0.126   | Stations / Essential Lineal Mile |  |                     |     |  |
| 0.66    | Cars/mile                        |  |                     |     |  |
| 805     | Total Cars                       |  |                     |     |  |

Cost per Kilometer Complete System \$13,921,947.16

Cost per Mile Complete System \$22,418,594.47



# Interstate Traveler Co. LLC

October 21, 2018

## Return on Investment - HSH - Hanoi to HCMC

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

Grow budget by X percent: 0%

|  |  |                     |                          |
|--|--|---------------------|--------------------------|
|  |  | 1,267.46            | Total Miles of Track     |
|  |  | 2,041.00            | Total KM of Track        |
| Steps:   |  |                     |                          |
| 1  | Passenger Fee / Minute   | \$1.00              |                          |
| 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   | 200                 |                          |
| 7  | Total Simultaneous Capacity in Tonnage   | 2,000               |                          |
| 8  | Total Ton / Mile in Freight @ 750 Miles  | 1,500,000           | Ton/Miles Per Day        |
| 9  | Freight Transports Total Projected Use Annually                                    | 136,875,000         | Ton/Miles per Year       |
| 10   | Average Freight Delivery Time of 750 Miles @ 180MPH                                | 4.17                | Hours                    |
| 11   | Total Number of Freight 4.17 Hour Time Blocks / Day                                | 1,151               | Time Blocks Per Day      |
| 12   | Freight Transports Projected Use as an Average over 24 hours                       | 25%                 | Percent of Capacity      |
| 13   | Number of Pedestrian Transports  | 400                 |                          |
| 14   | Passengers Per Car   | 100                 | People                   |
| 15   | Average Time of Trip for Pedestrian  | 12                  | Minutes                  |
| 16   | Total Simultaneous Capacity (Pedestrians Only)                                     | 40,000              |                          |
| 17   | Total Number of 12 Minute Time Blocks / Day  | 120                 |                          |
| 18   | Total Daily Capacity (Average Time * Total Capacity)                               | 4,800,000           |                          |
| 19   | Pedestrian Projected Use as an Average over 24 hours                               | 50%                 | Percent of Capacity      |
| 20   | Pedestrian Total Projected Use Daily   | 2,400,000           | Rides                    |
| 21   | Pedestrian Total Projected Use Hourly  | 100,000             |                          |
| 22   | Pedestrian Total Projected Revenue Daily   | \$28,800,000.00     |                          |
| 23   | Pedestrian Total Projected Use Annually  | 876,000,000         | Rides                    |
| 24   | Pedestrian Total Projected Revenue Annually  | \$10,512,000,000.00 |                          |
| 25   | Number of Car Transports   | 200                 |                          |
| 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                           | 25%                 | Percent of Capacity      |
| 29   | Car Transports Total Projected Use Daily   | 7,200               | Rides                    |
| 30   | Car Transports Total Projected Revenue Daily                                       | \$36,000.00         |                          |
| 31   | Car Transports Total Projected Use Annually  | 2,628,000           | Rides                    |
| 32   | Car Transports Total Projected Revenue Annually                                    | \$131,400,000.00    |                          |
| 33   | Pedestrian Revenue / Trip / Single Pedestrian at \$1 /minute for 12 minutes        | \$12.00             | 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  | 180                 | Miles per hour           |
| 36   | Efficiency Possible Distance Covered Traveling at 180mph for 12 minutes            | 36.0                | Miles (Pedestrian)       |
| 37   | Relative Cost Per Mile Traveled for Pedestrian                                     | \$0.33              | Dollars / Mile           |
| 38   | Revenue All Transports/ Annually   | \$10,643,400,000.00 | Annual                   |
| 39   | Revenue for all Freight Transports   | \$136,875,000.00    | Annual                   |
| 40   | Advertising Revenue Calculations   | \$122,433,000.00    | Annual                   |
| 41   | Rent Revenue Calculations  | \$19,176,000.00     | Annual                   |
| Total Annual Revenue for All Transports / Advertising / Rent |  | \$10,921,884,000.00 | Annual                   |
|  |  |                     |                          |
| Budget>> Cost for Installation for 1267.47 miles             |  | \$28,414,694,159.60 | Cost                     |
| Total Projected Annual Revenue                               |  | \$10,921,884,000.00 | Annual Revenue           |
| Return on Investment at 100% of Revenue                      |  | 2.60                | ROI in Years if appeared |
| Enter Debt Service Fund Percentage                           |  | 50%                 |                          |
| Total Annual Debt Service Fund (P/P Partnership)             |  | \$5,460,942,000.00  |                          |
| Return on Investment using Debt Service Fund                 |  | 5.203               | Years                    |



# Interstate Traveler Energy Calculator

## HSH Hanoi to HCMC

Enter Values in fields marked in Yellow

1 watt-hour = 3.4121415 Btu

### HSH Rail Combined Wattage Output of Two Parallel Tracks Combined

|                                      |                   |                           |
|--------------------------------------|-------------------|---------------------------|
| Mile                                 | 5,280             | ft                        |
| Width (two parallel tracks combined) | 16                | ft                        |
| Area                                 | 84,480            | SqFt/mile                 |
| Watts/SqFt ( Average 12 )            | 20                | watts/SqFt                |
| Total Watts                          | 1,689,600         | Watts/mile/hour           |
| Total Solar Hours/day                | 6                 | Solar Hours/day           |
| Total Watts/day/mile                 | 10,137,600        | watts/day/mile            |
| Total Miles                          | 1,267.46          | miles                     |
| Total watts/day/all miles            | 12,849,012,634    | Total watts/day/all miles |
| Total Watts/year                     | 4,689,889,611,264 | Total watts/year          |

### Traveler Stations Combined Wattage Output of Total Roof Mounted PV Grid

|                               |                |                           |
|-------------------------------|----------------|---------------------------|
| Total Traveler Stations       | 206            |                           |
| Average Roof Size (PV)        | 8,000          | SqFt Roof-mounted PV Grid |
| Minimum watts/SqFt            | 12             |                           |
| Total Watts/hr/station        | 96,000         |                           |
| Total Watts/hr/all stations   | 19,776,000     |                           |
| Total Watts/day/all stations  | 118,656,000    |                           |
| Total Watts/year/all stations | 43,309,440,000 |                           |

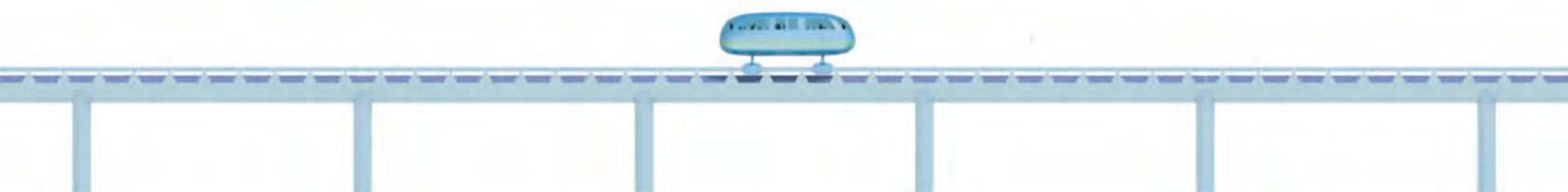
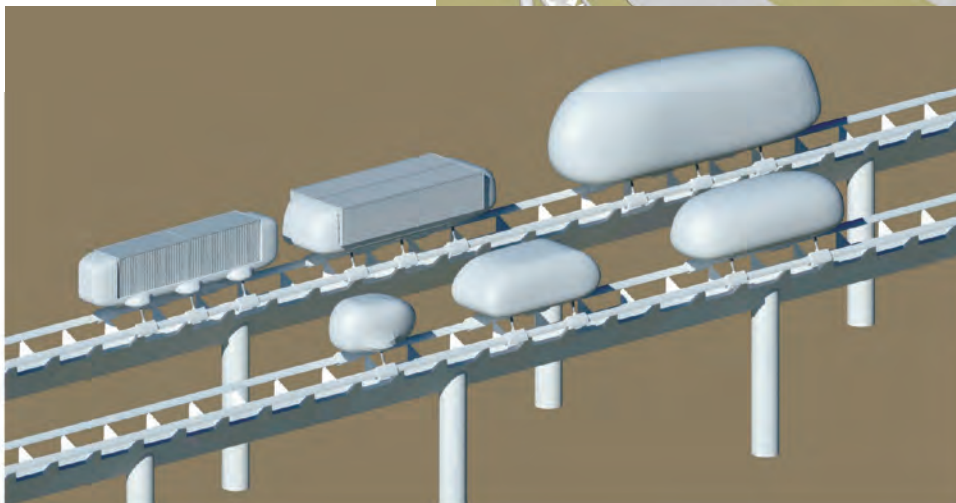
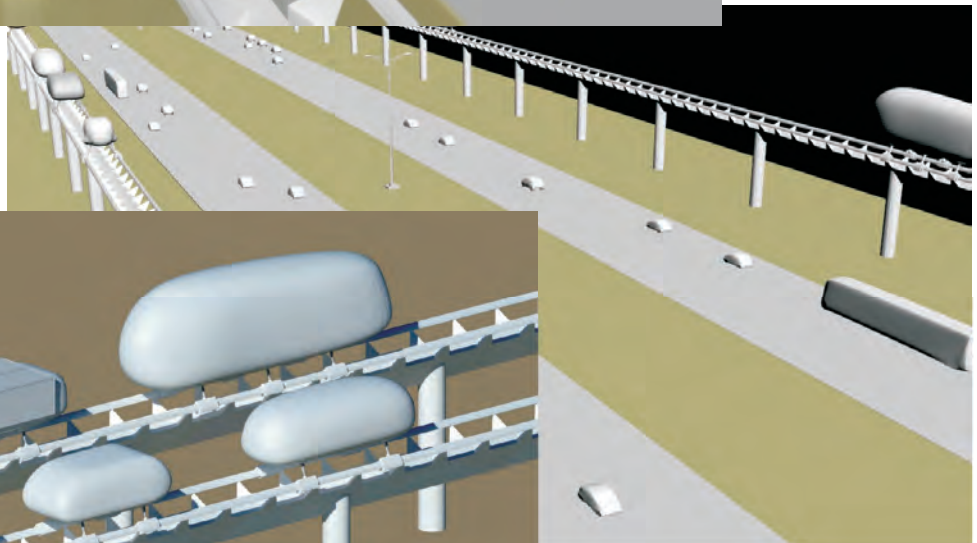
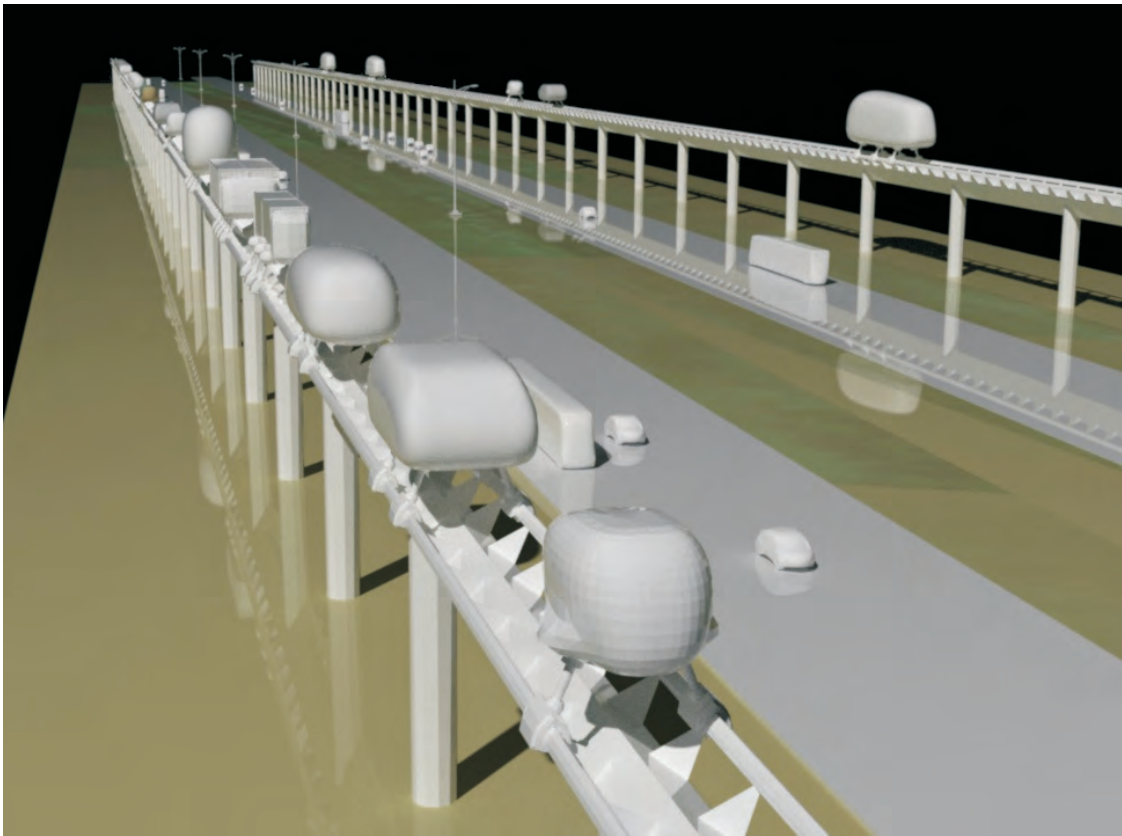
### Transports Combined Wattage Output of Total Roof-Mounted PV Grid

|                                 |               |                    |
|---------------------------------|---------------|--------------------|
| Total Transports on System      | 606           |                    |
| Total SqFt of roof area         | 160           | SqFt of PV on Roof |
| Total SqFt all Transports       | 96,960        | Total SqFt PV      |
| Minimum watts/SqFt              | 22            |                    |
| Total Solar Hours / Day         | 8             |                    |
| Total Watts/hr/Transport        | 3,520         |                    |
| Total Watts/hr/all Transports   | 2,133,120     |                    |
| Total Watts/day/all Transports  | 17,064,960    |                    |
| Total Watts/year/all Transports | 6,228,710,400 |                    |

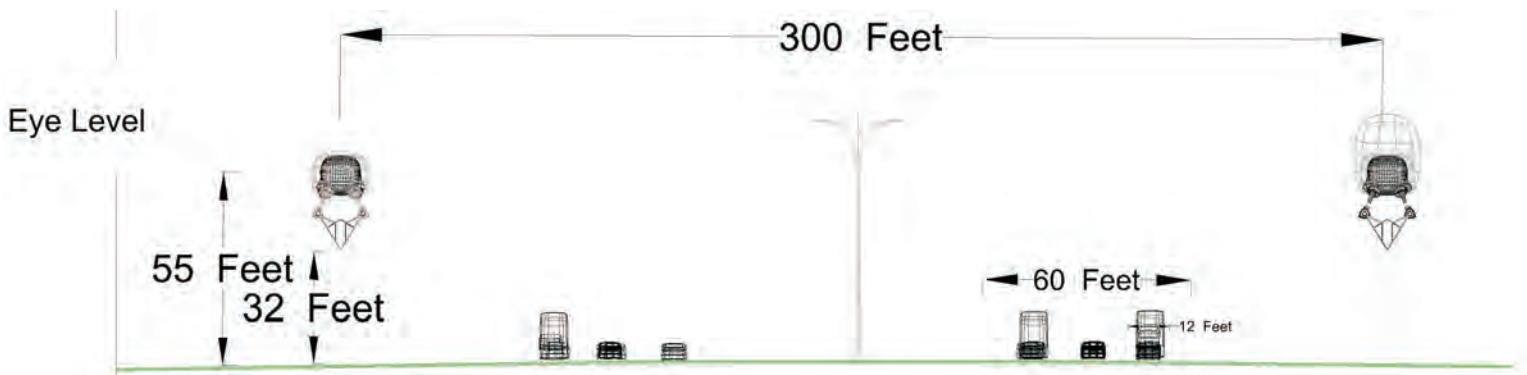
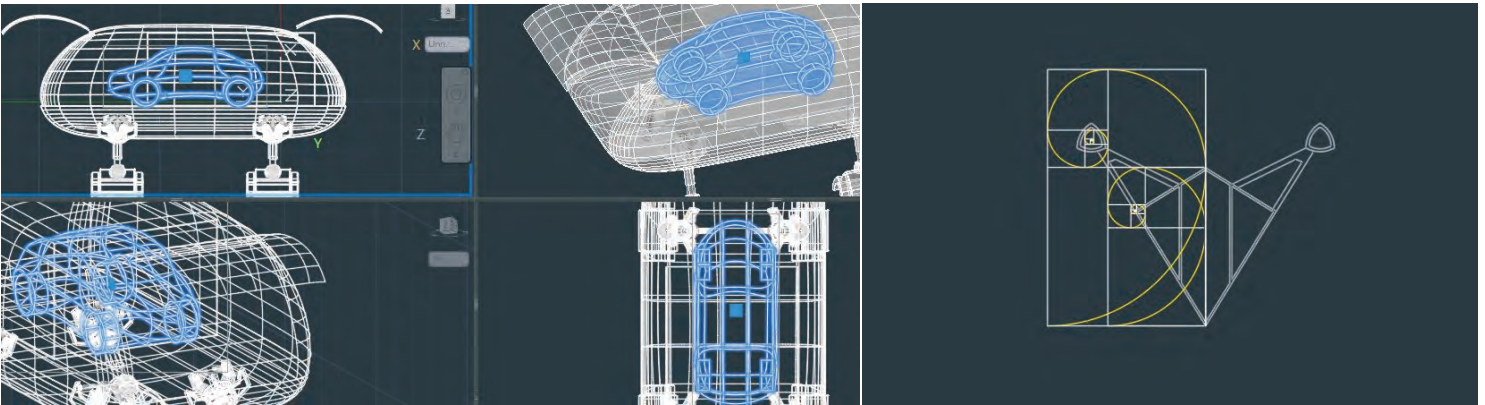
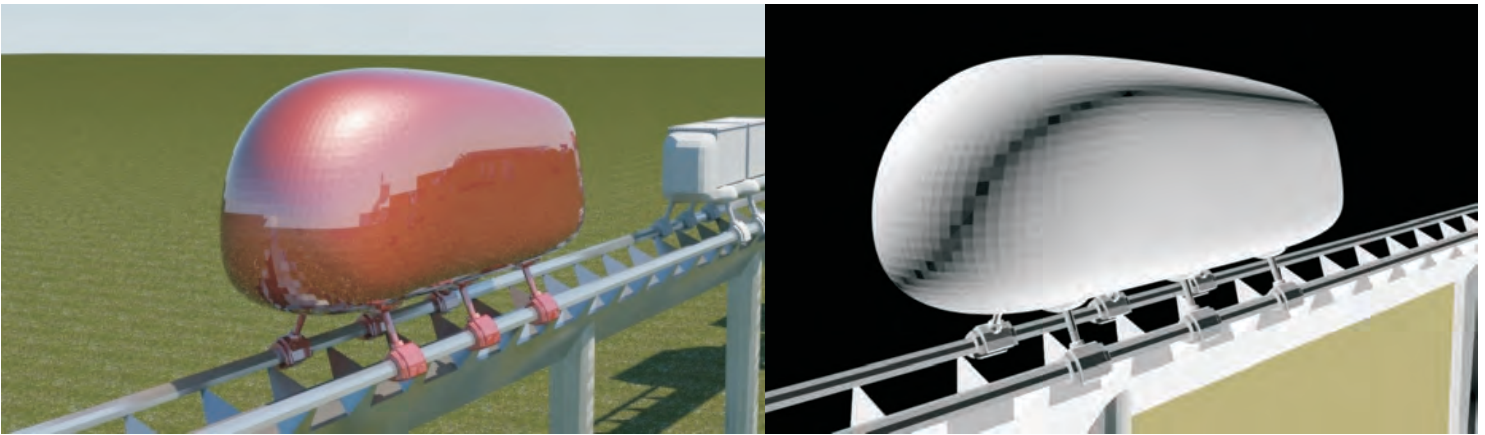
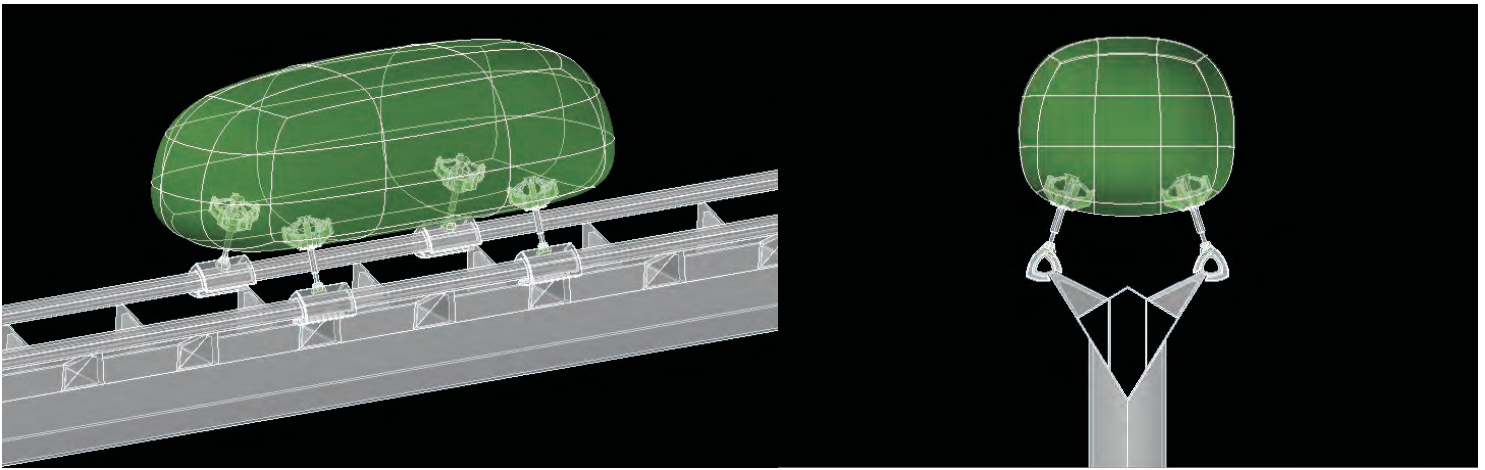
### Grand Totals of Rail + Stations + Transports + Roof PV Grid Combined

|                               |                        |  |
|-------------------------------|------------------------|--|
| Total Watts/year              | 4,739,427,761,664      |  |
| Total Kilowatts/year          | 4,739,427,762          |  |
| Total Megawatts/year          | 4,739,428              |  |
| Total GigaWatts/year          | 4,739                  |  |
| Total Terawatts/year          | 5                      |  |
| Value of a Kilowatt           | \$0.10                 |  |
| Total Electrical Output Value | \$473,942,776.17       |  |
| Total BTU / Day               | 44,305,748,361.167     |  |
| Total BTU/year                | 16,171,598,151,825.800 |  |
| Total Quadrillion BTU/year    | 0.016                  | A unit called the <u>quad</u> (short for <u>quadrillion</u> ) is |
| Total watts/ncmh              | 4,200                  | watts/normal cubic meter of Hydrogen                             |
| Total Cu Meter Hydrogen/year  | 1,128,435,181          | Total ncmh / year  |
| Gasoline Equivelent Units     | 112,843,518            | Gasoline Equivelent Units 10ncmh/1Gal Gas                        |

# *The Interstate Highway Network*









# The HSH Rural Test Site

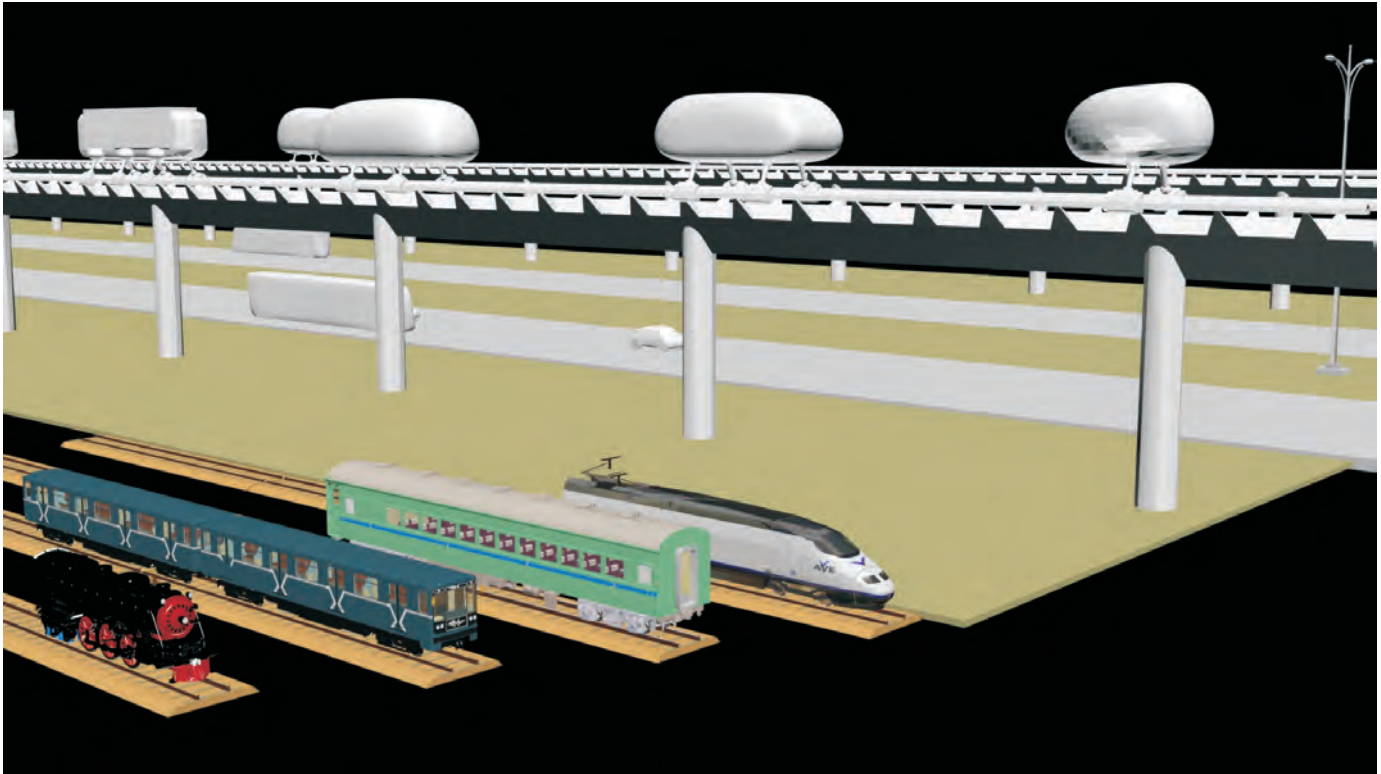
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Ivy Tech Community College  
Lawrenceburg Indiana

Zoom Level 2







# HYDROGEN SUPER HIGHWAY

THE INTERSTATE TRAVELER COMPANY, LLC

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