

Highway Sky Mover™

THE FUTURE OF GREEN TRANSPORTATION TODAY



www.HighwaySkyMover.com



ADVANCED
TRANSPORTATION
CONCEPTS INC.

The Future of Green Transportation Today

Bigger Cities More People

The immediate need for
innovative transportation solutions
has never been more significant.

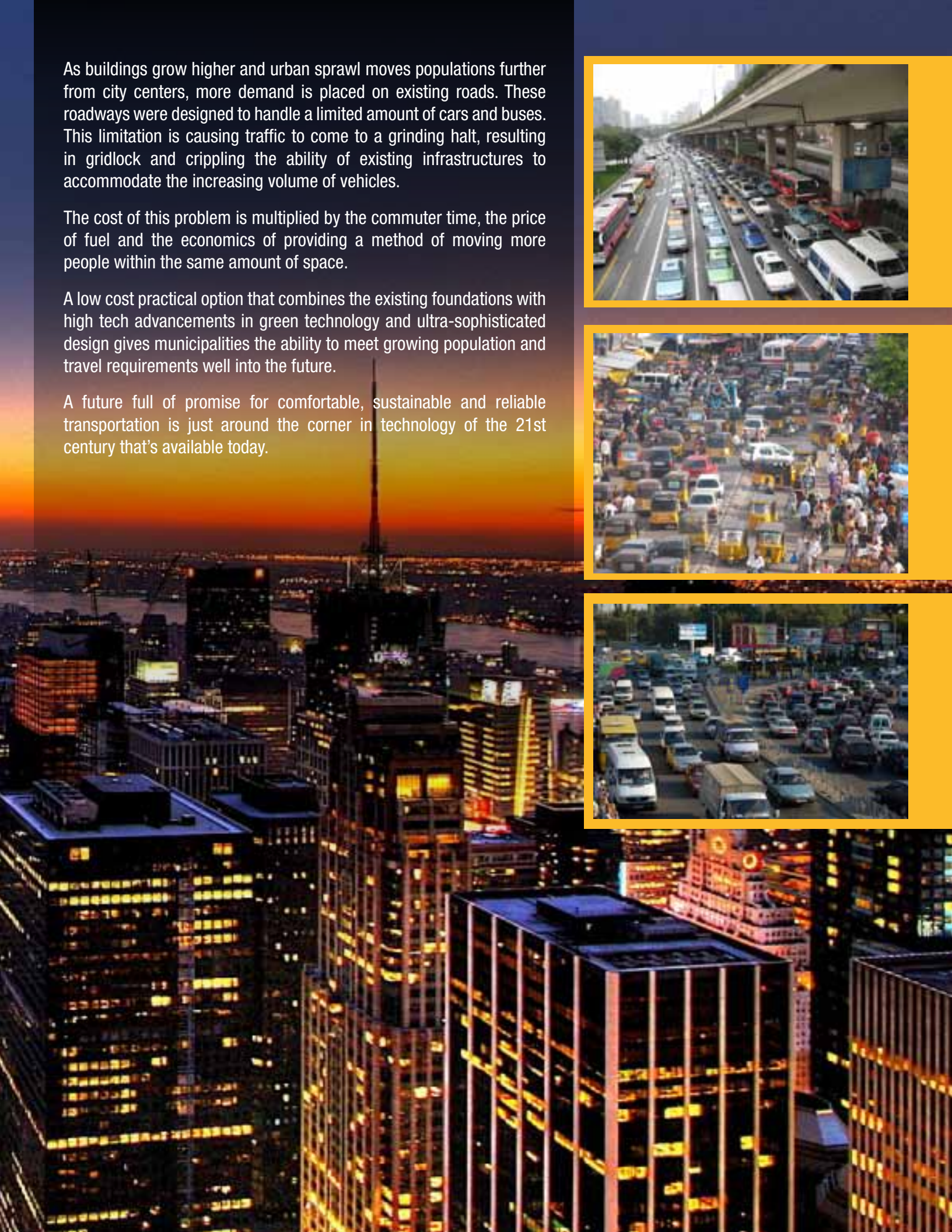


As buildings grow higher and urban sprawl moves populations further from city centers, more demand is placed on existing roads. These roadways were designed to handle a limited amount of cars and buses. This limitation is causing traffic to come to a grinding halt, resulting in gridlock and crippling the ability of existing infrastructures to accommodate the increasing volume of vehicles.

The cost of this problem is multiplied by the commuter time, the price of fuel and the economics of providing a method of moving more people within the same amount of space.

A low cost practical option that combines the existing foundations with high tech advancements in green technology and ultra-sophisticated design gives municipalities the ability to meet growing population and travel requirements well into the future.

A future full of promise for comfortable, sustainable and reliable transportation is just around the corner in technology of the 21st century that's available today.



Innovation Comes To Life

Advanced Transportation Concepts introduces the
Highway Sky Mover™

***A SINGLE HIGHWAY SKY MOVER
CARRIES 1200 PASSENGERS
IN THE SAME FOOTPRINT AS
8 CARS OVER EXISTING
HIGHWAY SURFACE,
USING RENEWABLE ENERGY
AT A FRACTION OF THE COST.***



..... **What is it?**

The **Highway Sky Mover** is an elevated transportation vehicle powered by energy efficient solar power and developed to integrate seamlessly with existing urban infrastructure.

How does it work?

The **Highway Sky Mover** travels along existing roadway infrastructure, spanning over two lanes of roadway and allowing automobiles to travel beneath it. This in effect doubles the capacity of the current roadway.

Why is this a compelling solution?

The **Highway Sky Mover** is a compelling solution to urban traffic congestion because it can be installed with minimal impact to existing roadway structures. Additionally, it is powered by renewable solar energy, therefore it is a viable “green” transportation solution.



Highway Sky Mover

A closer look at the future of public transportation.



Cab

Control cabs at both ends of vehicle.

Compartment

Compartments can be designed to meet the needs of fundamental mass transit or to provide ultimate luxury and comfort for the traveler depending on the needs of the community.

Safety Feature

Alarms embedded in vehicles are triggered if other vehicles get too close. In the event of an accident or emergency, passengers can exit using inflatable slides, similar to those used by commercial aircraft.

Elevated Stations

Two styles offer more flexibility to integrate into existing environments



ROADSIDE STATION



OVERPASS STATION

Super Capacitance Technology

Electricity and solar energy powers the Highway Sky Mover. "Relay-charging" conductors on roof brush against charging stations along route providing constant power.

Solar Panels

Mounted to top of vehicle and atop all stations.

Vehicle Specs

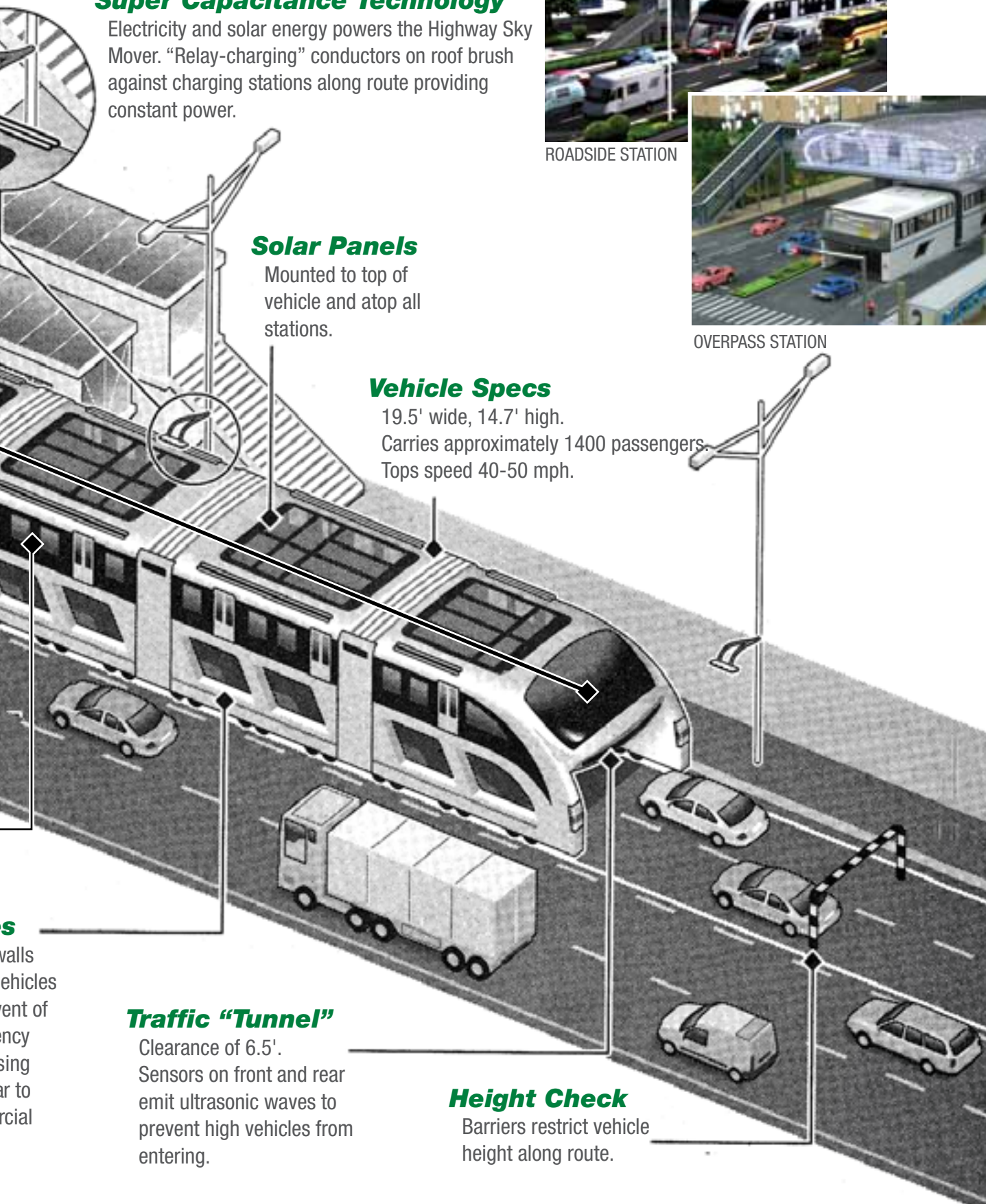
19.5' wide, 14.7' high.
Carries approximately 1400 passengers.
Tops speed 40-50 mph.

Traffic "Tunnel"

Clearance of 6.5'.
Sensors on front and rear emit ultrasonic waves to prevent high vehicles from entering.

Height Check

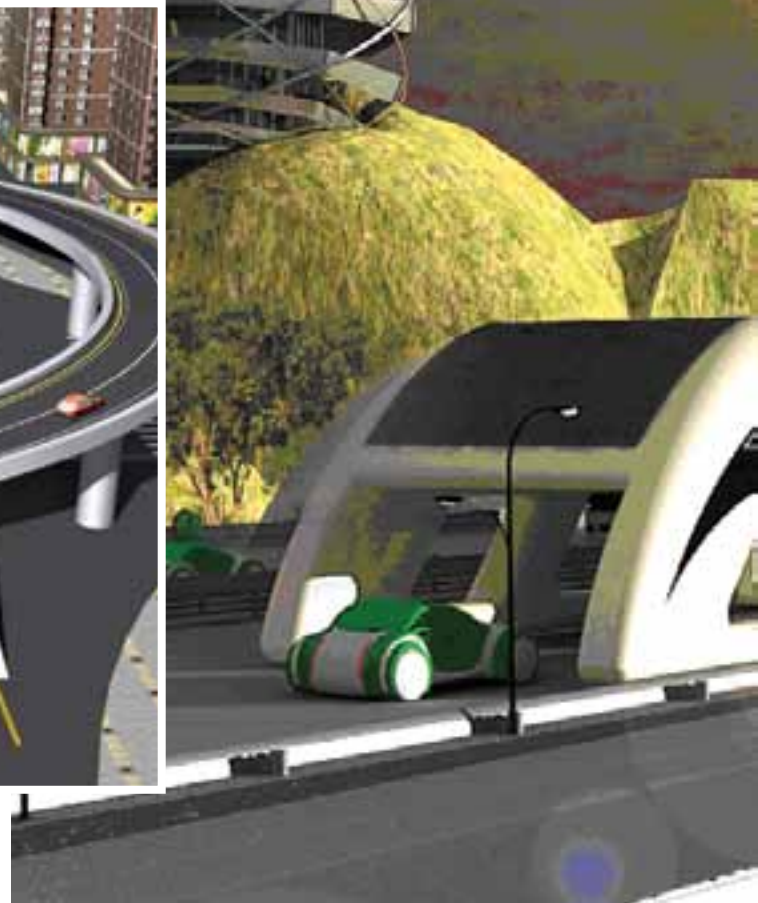
Barriers restrict vehicle height along route.



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Advantages of the *Highway Sky Mover*

- High-efficiency and large passenger capacity
- Safe operation, green and environmentally friendly
- Low carbon public transportation, low input
- Short construction period and minimal environmental influence
- Reduces need for urban parking



High-efficiency & large passenger capacity

Each Highway Sky Mover can carry 1200 to 1400 passengers. Calculated according to 40 vehicles and 25 miles round-trip, they can carry about 400,000 people daily. With a top speed of 50-60 mph and an average speed of 20-30 mph.

Safe, Green & Environmentally Friendly

The Highway Sky Mover is a fully electrically powered vehicle. Super capacitance is utilized for rapid charging. Solar panels on the vehicle and station roof provide clean, efficient energy. The Highway Sky Mover presents no permanent obstacle or effect on the environment like an elevated rail system would. The vehicle glides along the roadway quietly powered by economical electric energy, adding no additional noise to the ambient environment and leaving no obstruction to views



Behind every
great invention
there exists well
paid jobs of today.

The **Highway Sky Mover** will
bring with it a host of new jobs & industries.



**VEHICLE
MANUFACTURE**



**PASSENGER
TRANSPORTATION**



**INFRASTRUCTURE &
PROJECT SUPPORT**

CONSTRUCTION



INDOOR & OUTDOOR ADVERTISING



ON



EMPLOYEE TRAINING



MAINTENANCE



PARKING STRUCTURES



OUTDOOR ADVERTISING (PARKING STRUCTURES)





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