



**Building the  
21st Century  
GREEN  
*SuperWay*<sup>TM</sup>**

**The Genesis of ROAM's *SuperWay***

**ROAM<sup>TM</sup> Transport Systems, Fort Worth, Texas**

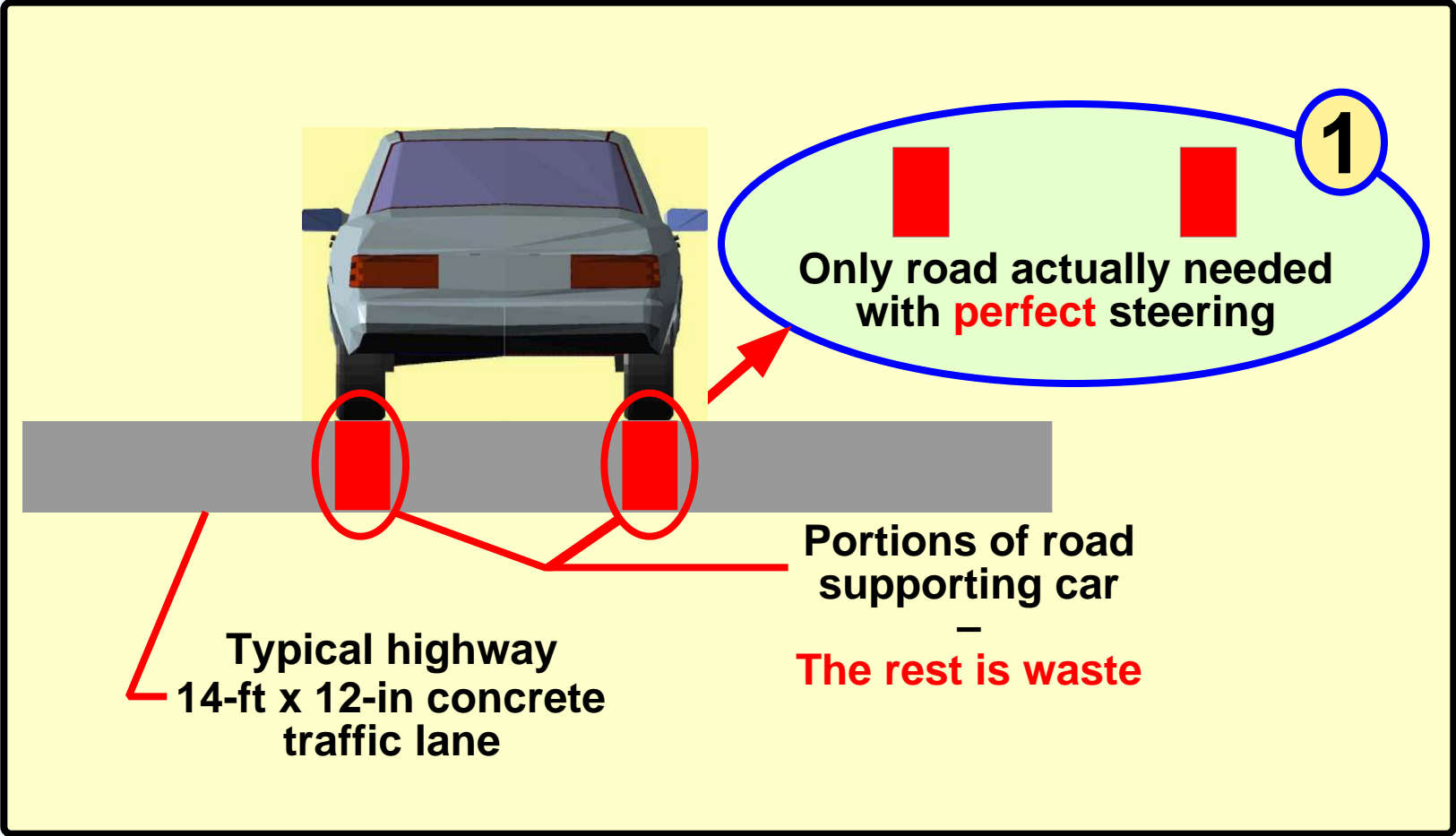
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 U.S. PATS. 6,039,135, 6,401,625, 6,435,100, 6,615,740, 6,742,458, 6,834,595, 6,837,167, & 7,926,425 B2  
 OTHER U.S. & INTERNATIONAL PATENTS PENDING

ROAM graphics & photos

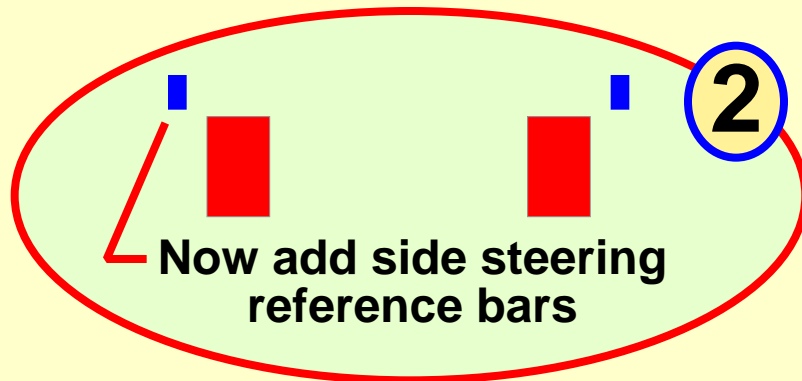
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# Step 1 – Analyze Road & Actual Road Need

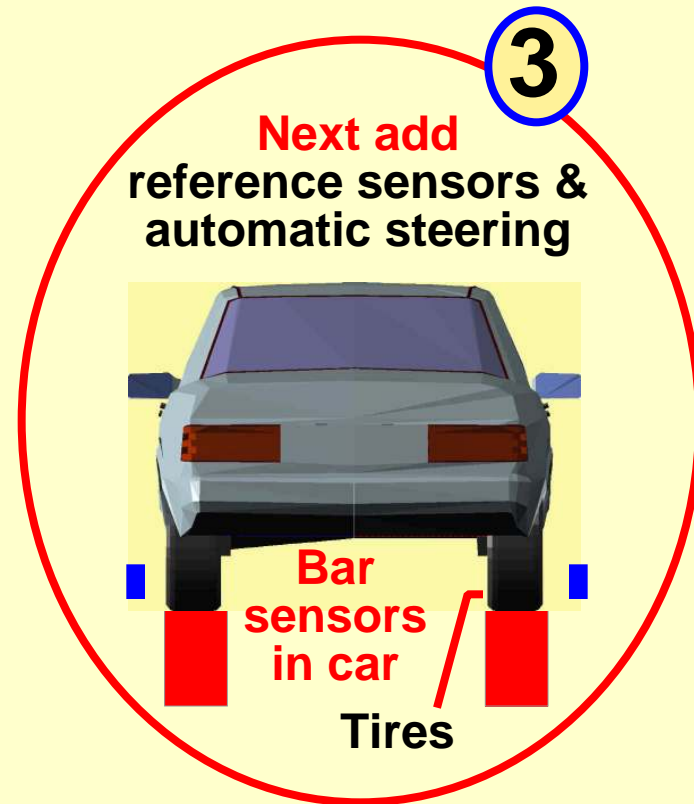


# Steps 2 & 3 – Add Automatic Steering



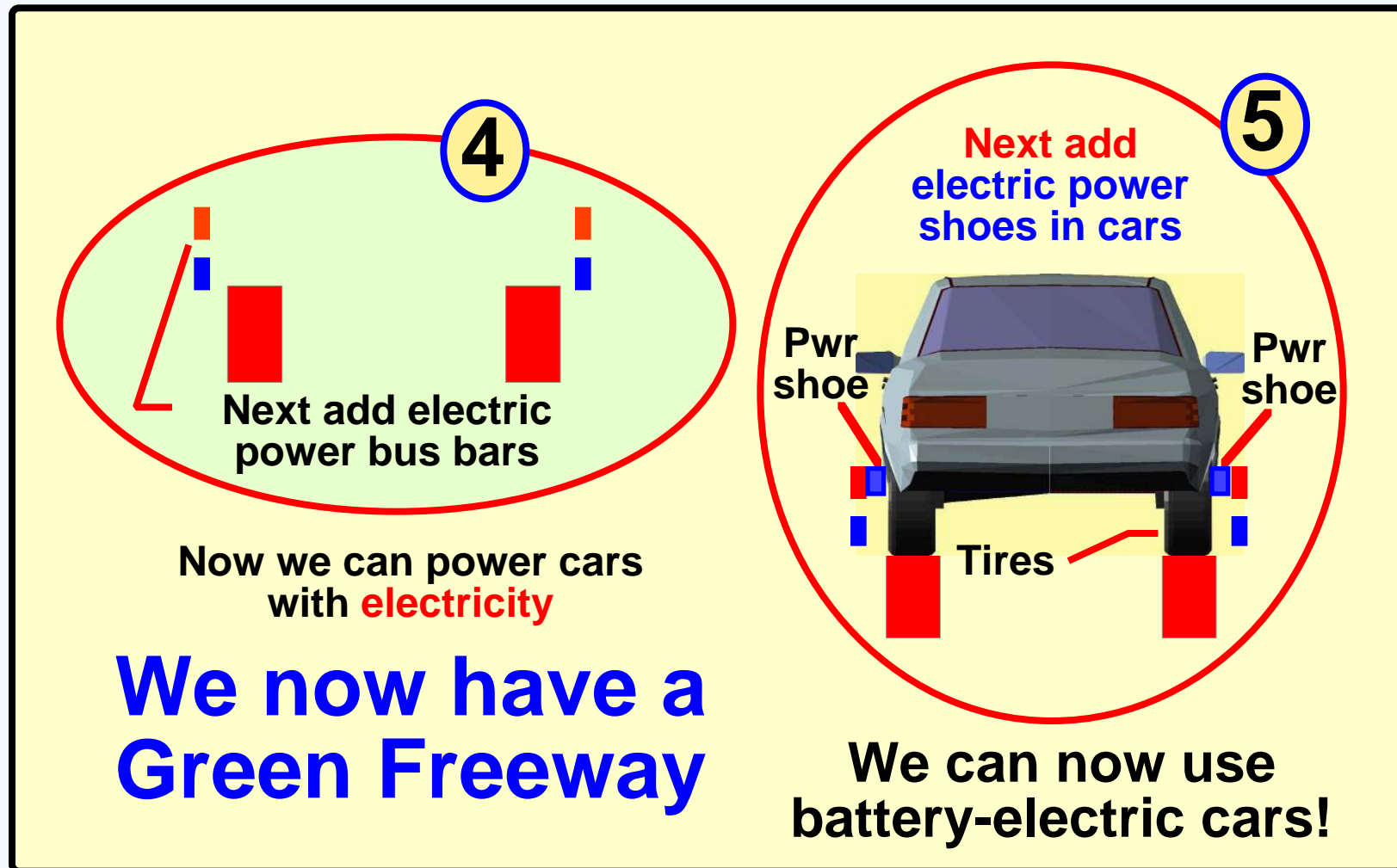
U.S. Government spent several million dollars on AHS projects attempting to accomplish this objective

—  
**Without practical success!**

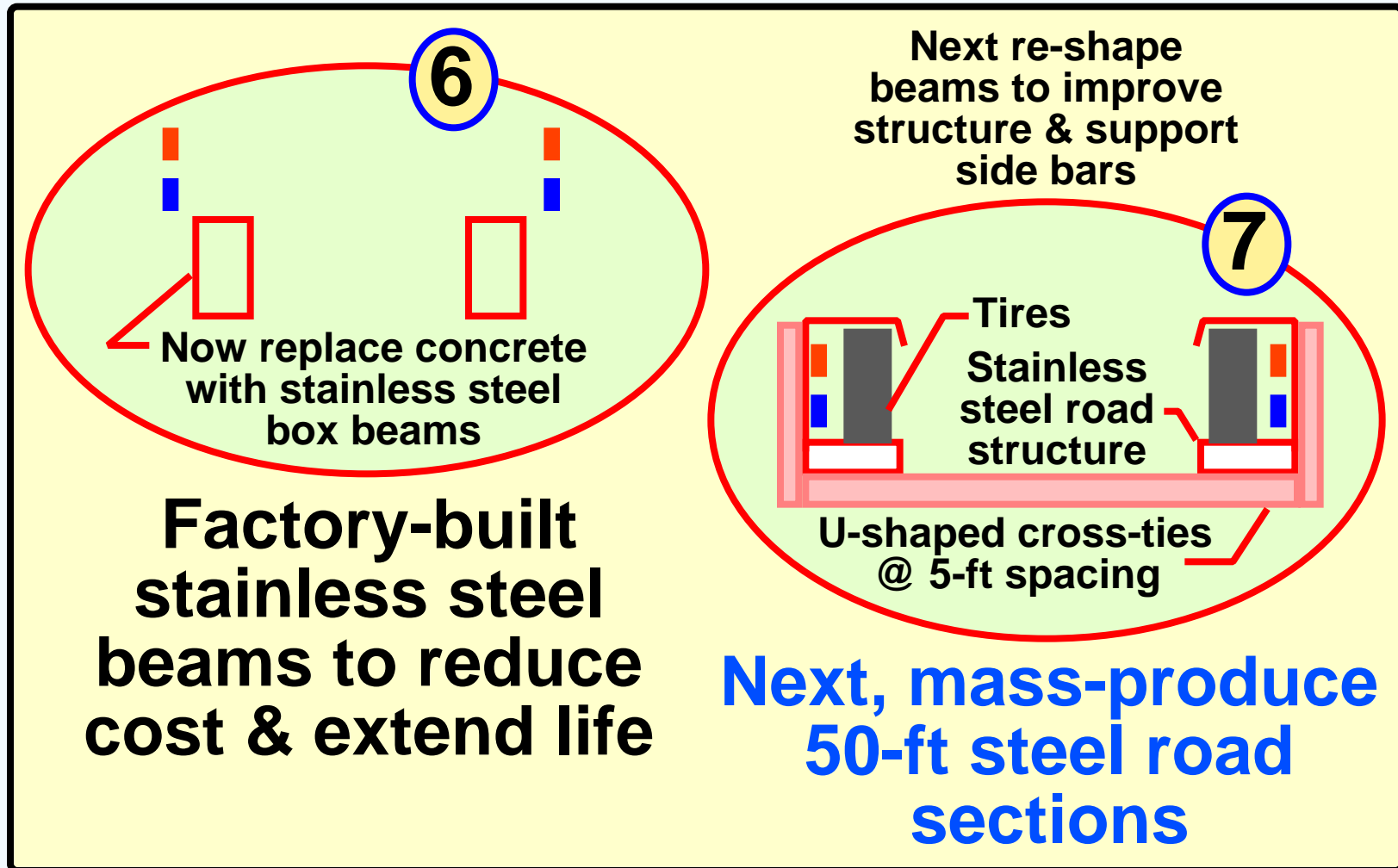


Cars can now run & remain on the two narrow highway strips

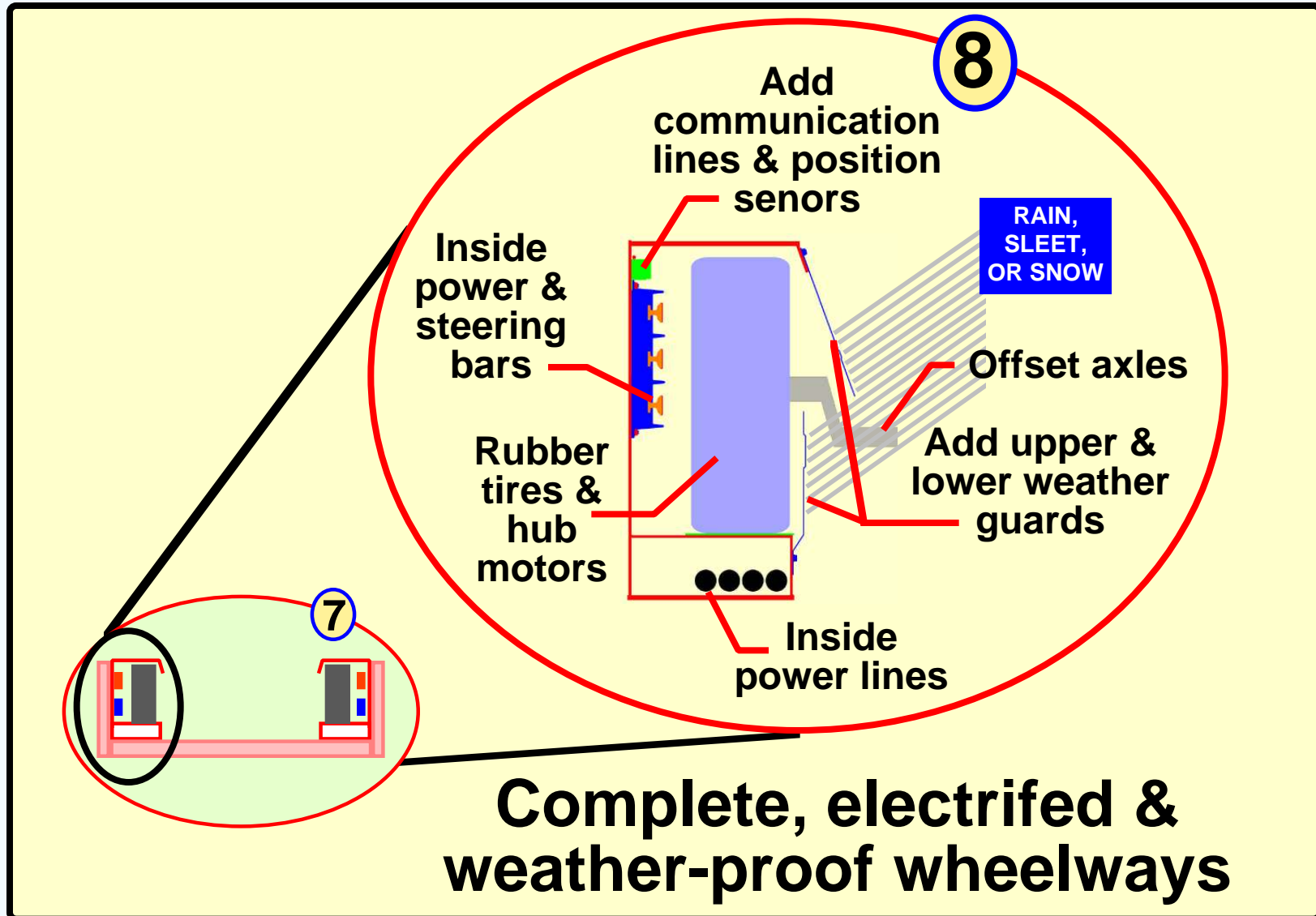
# Steps 4 & 5 – Add Electric Buses & Shoes



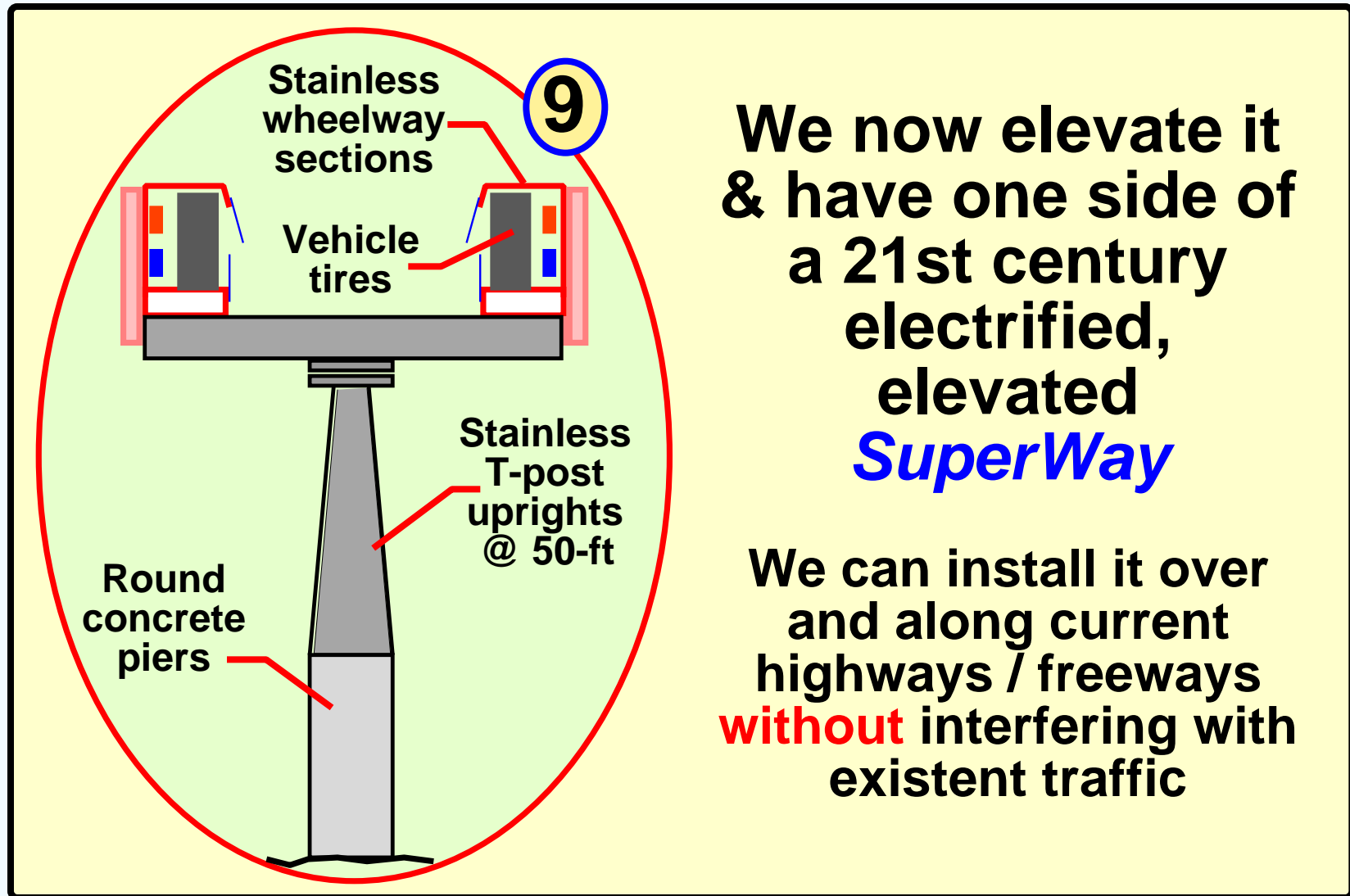
# Steps 6 & 7– Replace Concrete with Steel



# Step 8 – Weather-proof Road Wheelways



## Step 9 – Elevate Factory-built Roadway

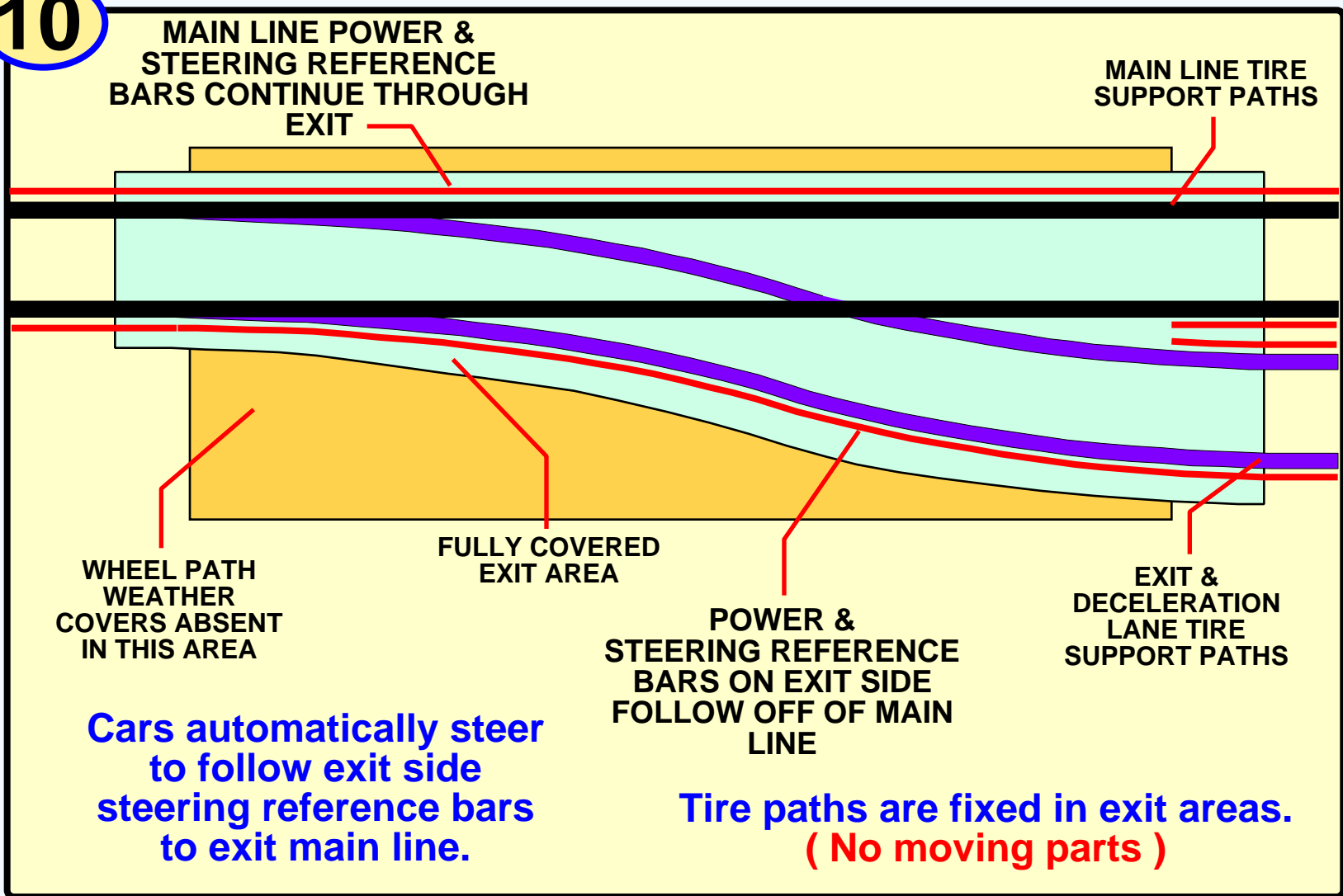


We now elevate it  
& have one side of  
a 21st century  
electrified,  
elevated  
*SuperWay*

We can install it over  
and along current  
highways / freeways  
**without** interfering with  
existent traffic

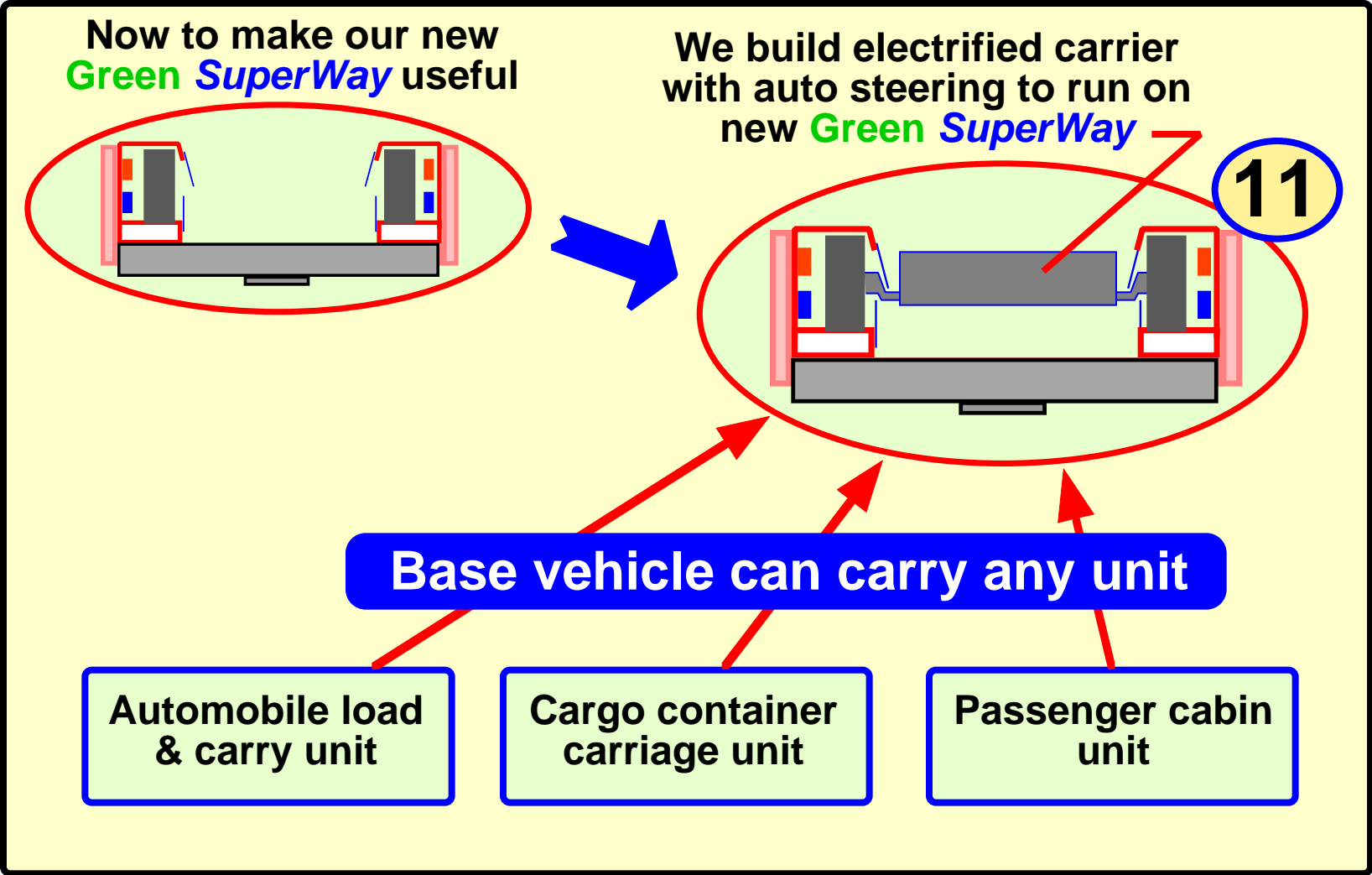
# Step 10 – Add *SuperWay* Entry & Exit

10





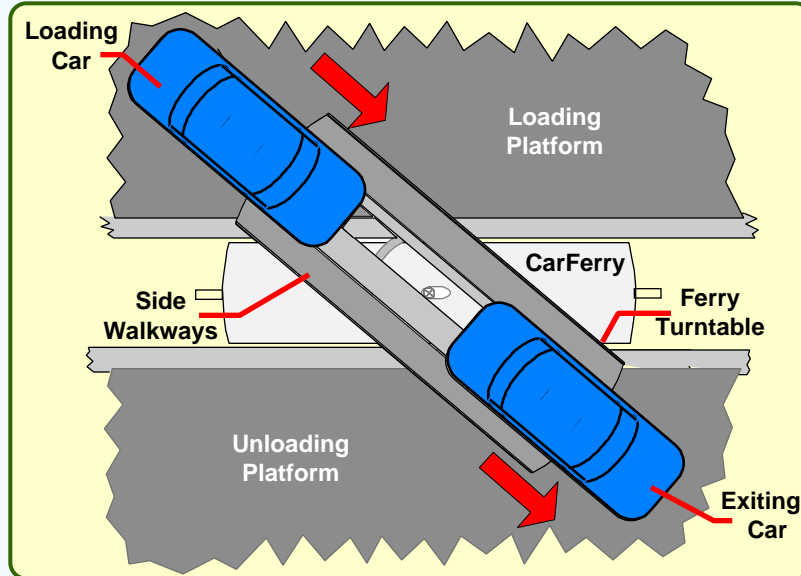
# But we **Must** Move **Current** Cars & Cargo



# CarFerries™ Load & Carry Today's Cars

1-min load & unload by car drivers at *SuperWay* ramps

Fast load & unload



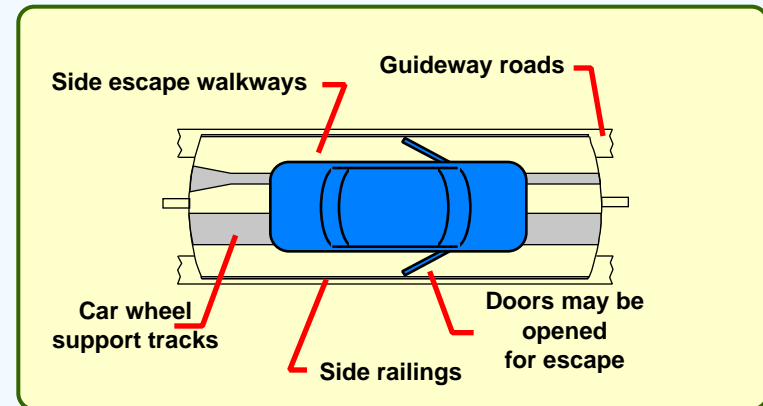
Car drivers drive their cars onto and off of ferries at ramps

Easy as pulling into slant parking space or car wash

Car wheels automatically locked into place on ferry to hold car

- People use their **current** & future electric cars
- *Skycoaches* move those who don't need cars

Individual *CarFerry* Safety Features

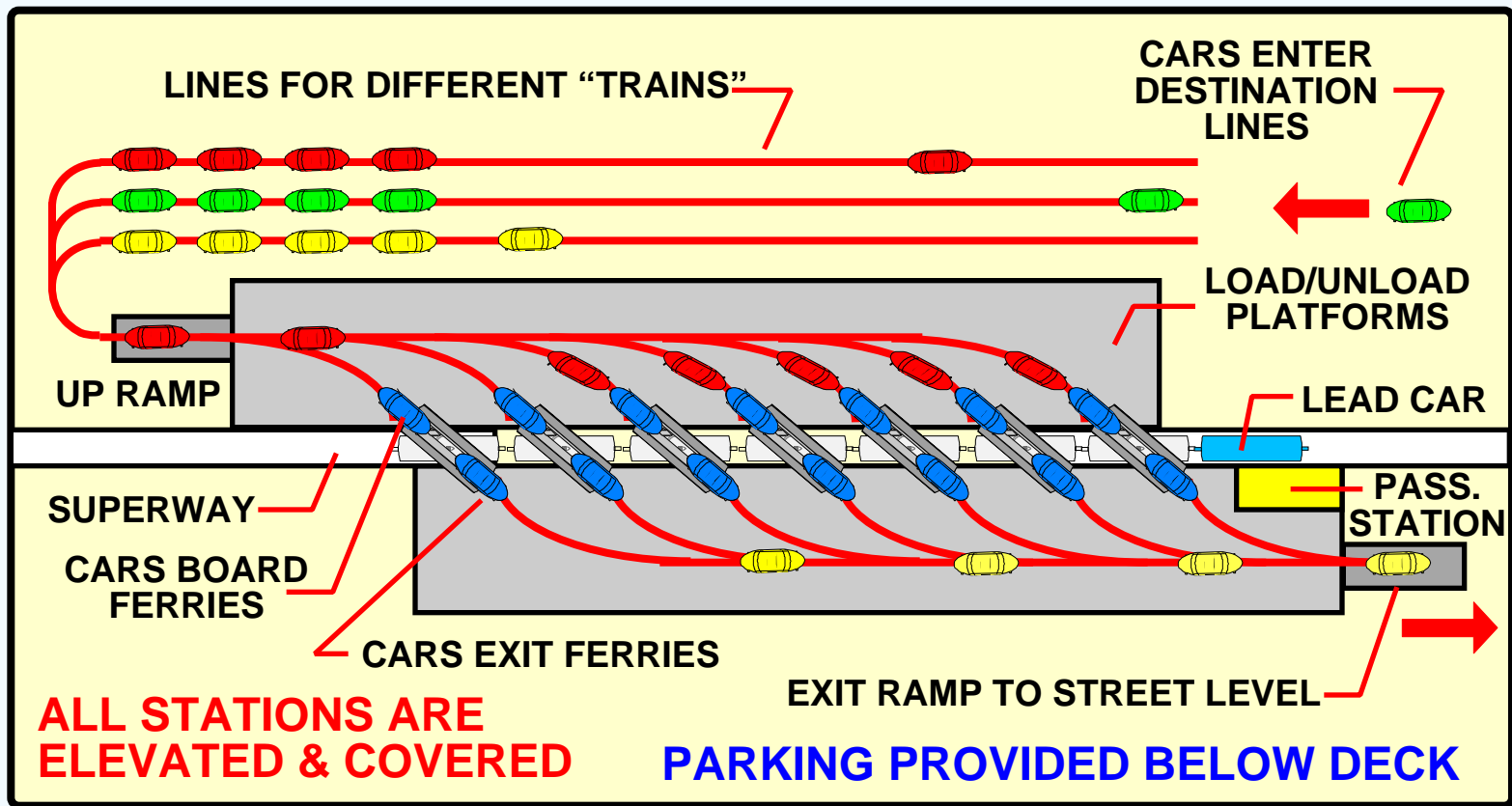


Ferry walkways enable passengers to access *SuperWay* center emergency walkways

Only system that can take cars off of the roads

# Initial *Carliner*™ “trains” carry cars & people

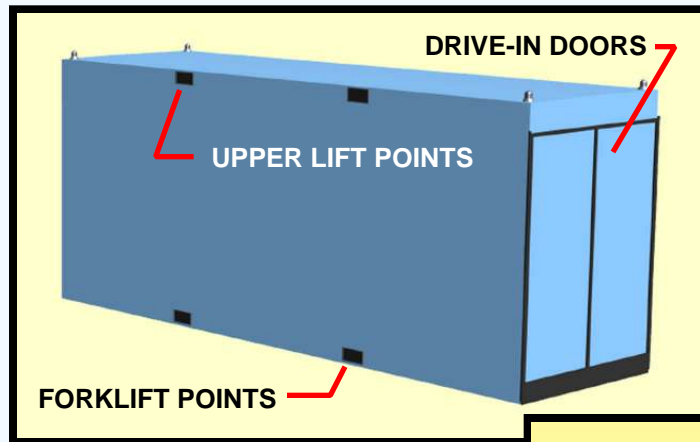
*Carliner* “trains,” shown at station below, used for current cars



Drivers enter line for desired route or destination  
( “Trains” may take different *SuperWay* routes )

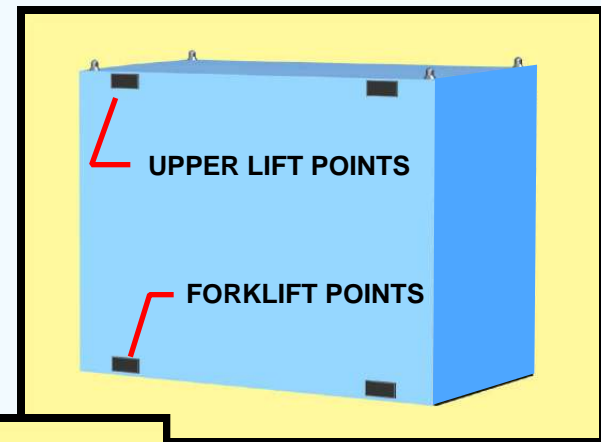
# Most Cargo Easily Fits in Shipping Modules

**Load & unload with standard forklifts – Forklifts also move modules**

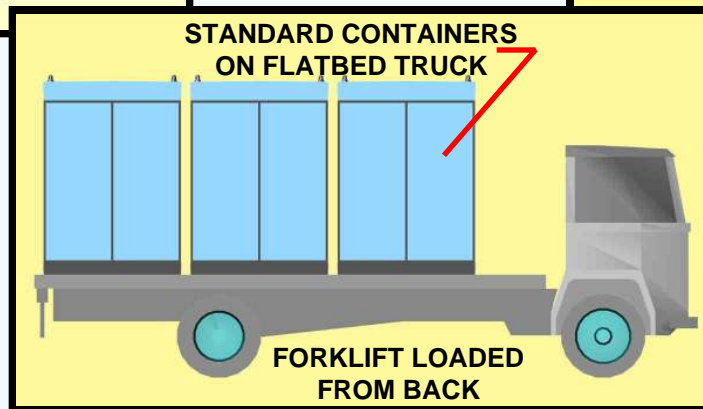


**Minimum cargo handling**

**Forklift compatible modules**



**Double containers moved on cargo carriers or flatbed trucks**

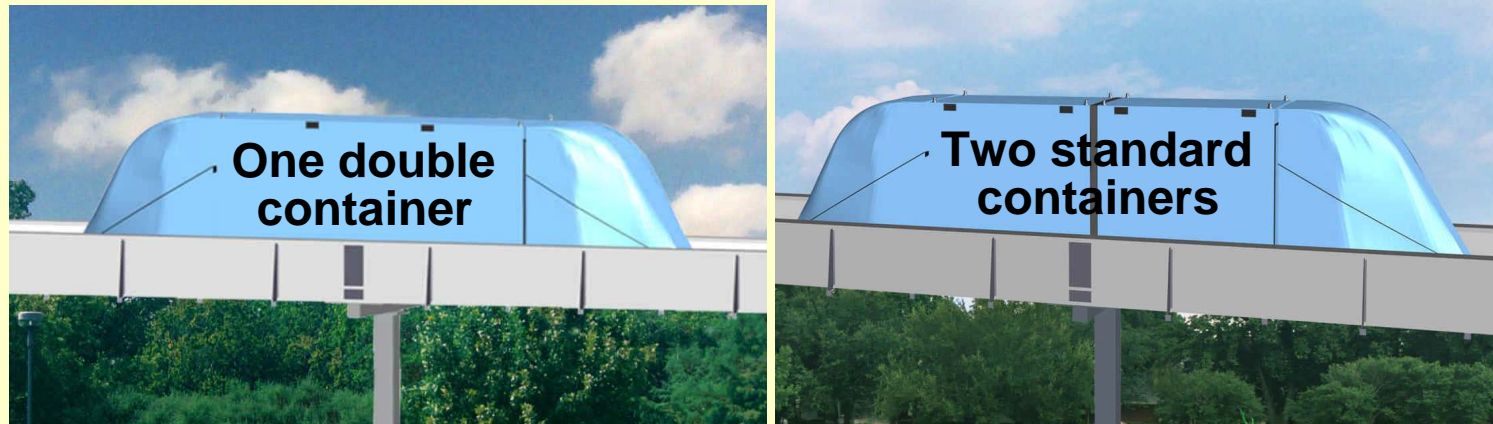


**Standard containers moved on cargo carriers or flatbed trucks**

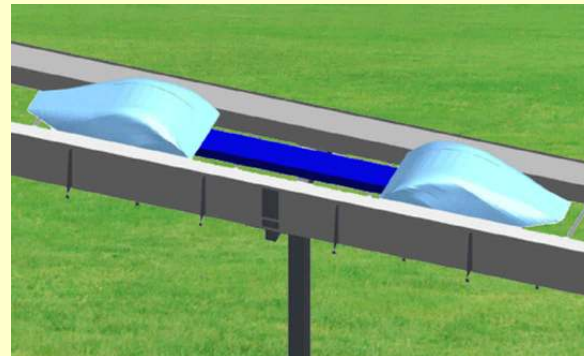
**Local or long distance transport on trucks**

**Can remove most box trucks from roads**

# Containers Ride on Streamlined Carriers



**Carriers transport standard or double containers**



**Empty carrier end caps fold for minimum drag**

**High-speed Cargo Containers on *SuperWay*  
( Future automated, non-stop terminal to terminal transport )**

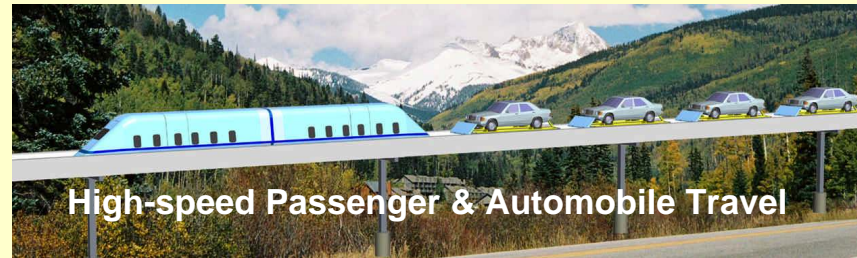
# Major End Results

## Current Freeways



- Clogged Roads
- Traffic Jams
- Weather Closures
- High Pollution

## Twenty-first Century *SuperWay*



High-speed Passenger & Automobile Travel



Reduced Truck Traffic, Pollution & Noise

- Smooth, Computer Control
- **No Traffic Jams**
- **All-Weather Operation**
- **Low Pollution - Cleaner Air**

**Plus far Lower Initial & Maintenance Costs**



# For High Speed Rail Advocates

Passengers in  
Special “Train”  
Coaches

Long-range cross-country high-speed “freeway train”

- Runs on same low-cost, low-maintenance, elevated *SuperWays*
- **Silent & zero air pollution operation – No more landscape scars**
- No added right of ways, freeway lanes, or freight rail impacts

# ***SuperWay* Features**

- **Rubber-tired** – but improved vehicles
- **Stainless-steel road** – Near **zero** maintenance
- **Automatic steering** – **Fail-safe** microcomputers
- **Electrified road** – Can **replace fossil fuel with electricity**
- **Precise speed & position data** – **Allow safe control**
- **Weather-proof road** – **Full-speed, all-weather use**
- **Full grade separation** – No obstructions (animals, etc.)
- **High-speed capability** – **Safe 120-mph possible**
- **Capacity increase** – **High speed & close spacing**

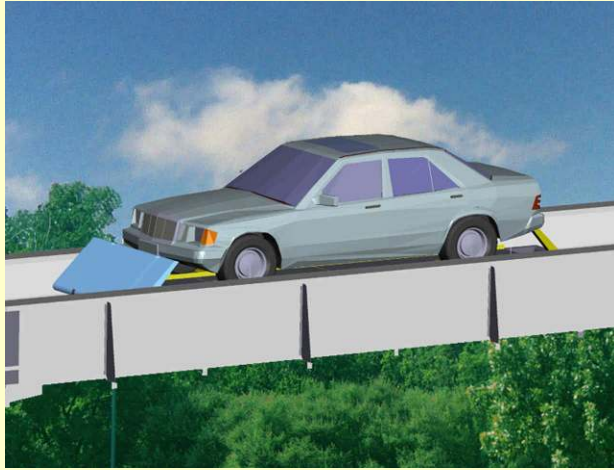


## ***SuperWay* Benefits**

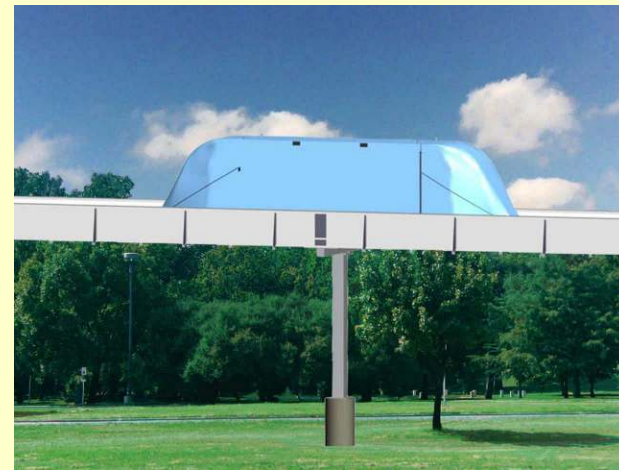
- **Automobiles** – Serves **both** current & advanced cars
- **Truck Cargo** – Moves most heavy box truck cargo **at 120-mph**
- **Driving** – **Ends driving tasks** – Fully automatic vehicles
- **No weather or traffic problems**
- **Accident-free travel** – Computers + mechanical backup
- **One lane each way** – **Exceeds 6-lane freeway capacity**
- **120-mph speed** – “High speed rail capability”
- **20% current freeway cost** – Without more land

# Future Automated 120-mph Transport

Four high-value *SuperWay* services



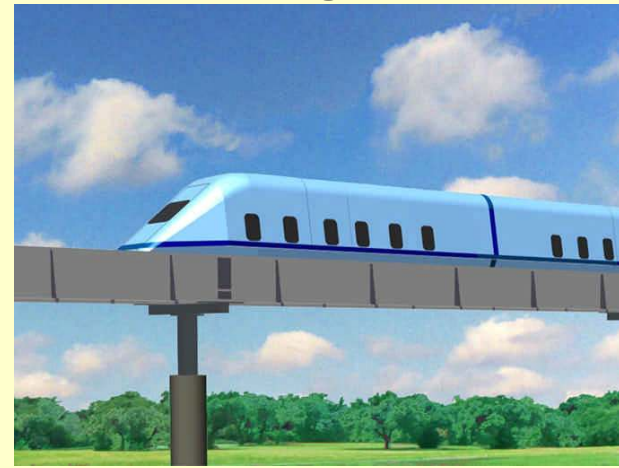
120-mph *CarFerry* service



120-mph cargo transport



120-mph group transport



120-mph passenger "train"

Growth to single automated cars – Within four years

**Now we have a new type  
of road that is  
the truly GREEN  
21st Century *SuperWay*  
But it is still a road!**



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Revolutionary, High-speed, Multi-user  
21st Century Transport!

- *Unprecedented* level of service
- Low transportation user costs

**Near-term & affordable solution to  
traffic & air pollution problems**