

**Building the
21st Century
GREEN
SuperwayTM**

The Genesis of *MegaRail*

MegaRail[®] Transportation Systems, Inc.

Fort Worth, Texas

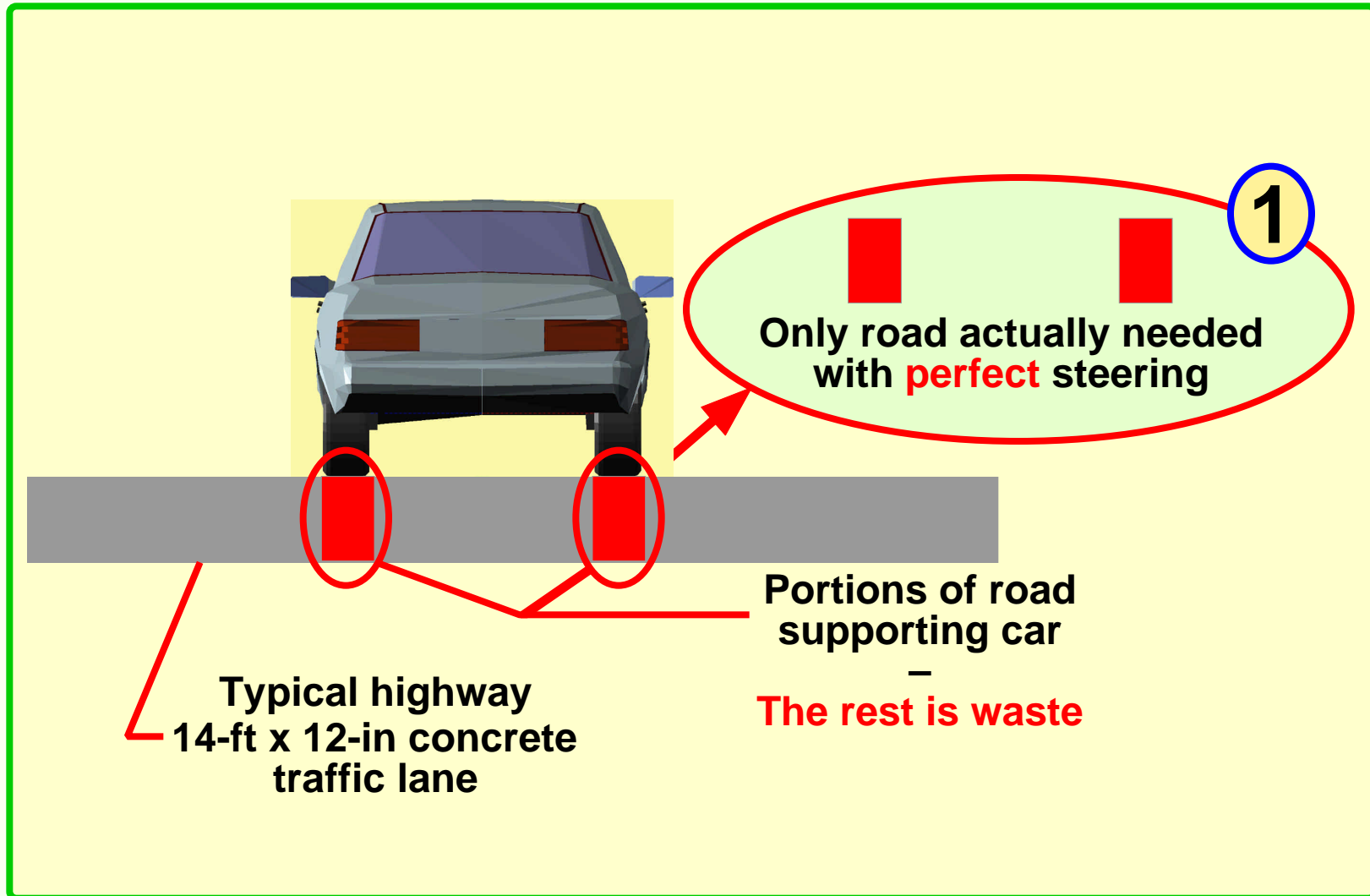
MegaRail, Superway, CarLiner, CarFerry, SkyCoach, CargoLiner, WhisperLiner, MegaLiner, & Person Liner are trademarks of MegaRail Transportation Systems, Inc.

U.S. PATS. 6,039,135, 6,401,625, 6,435,100, 6,615,740, 6,742,458, 6,834,595 & 6,837,167

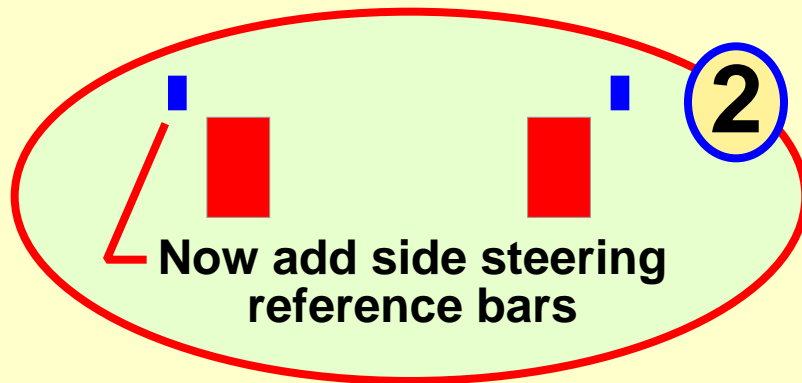
OTHER U.S. & INTERNATIONAL PATENTS PENDING

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Step 1 – Analyze Road & Actual Road Need

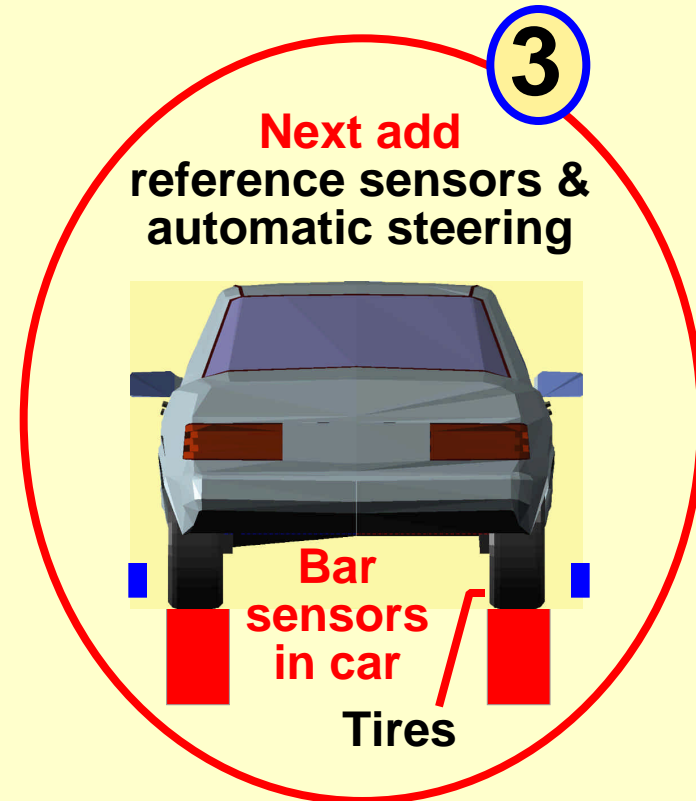


Steps 2 & 3 – Add Automatic Steering



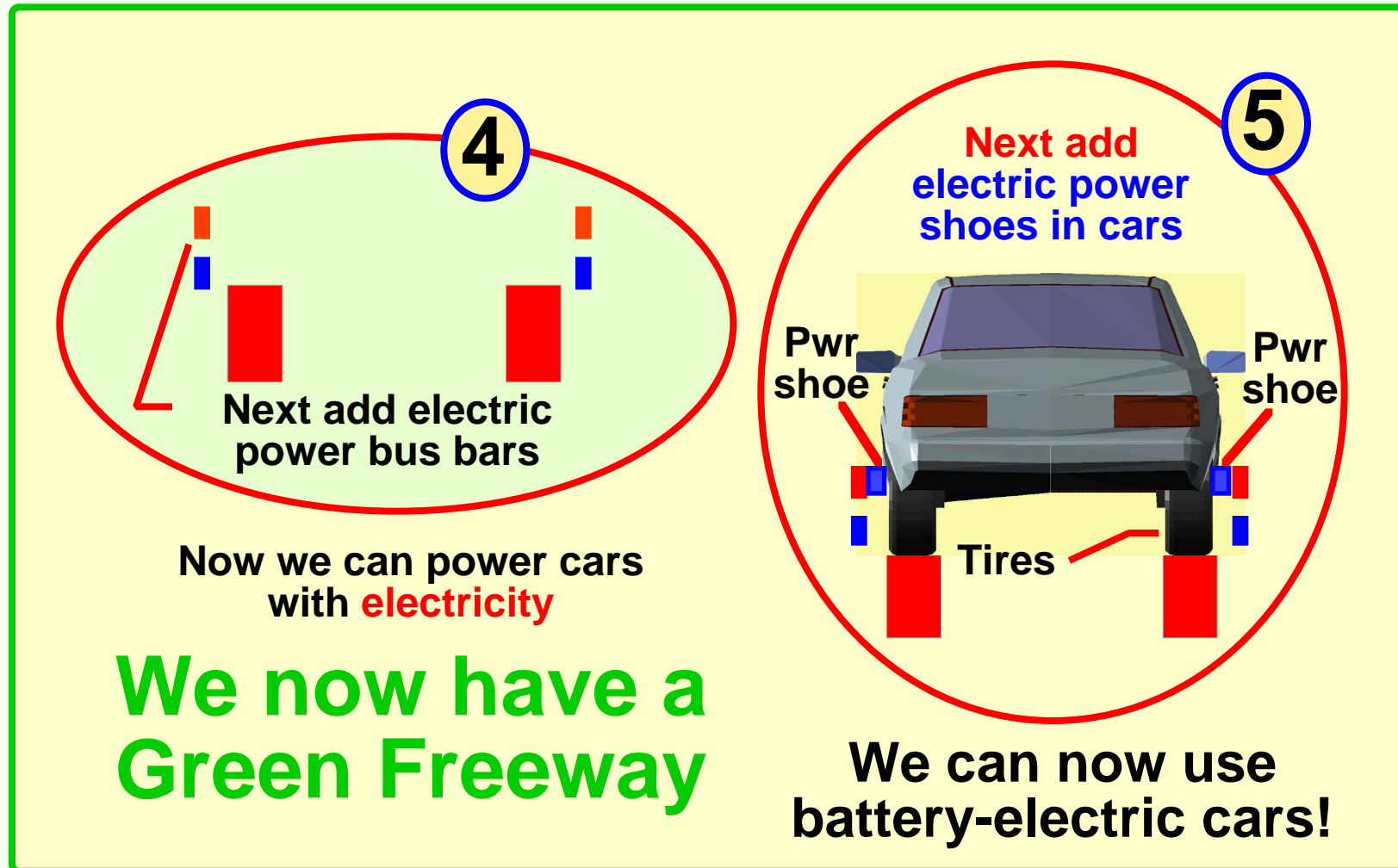
U.S. Government spent several million dollars on AHS projects attempting to accomplish this objective

–
Without practical success!

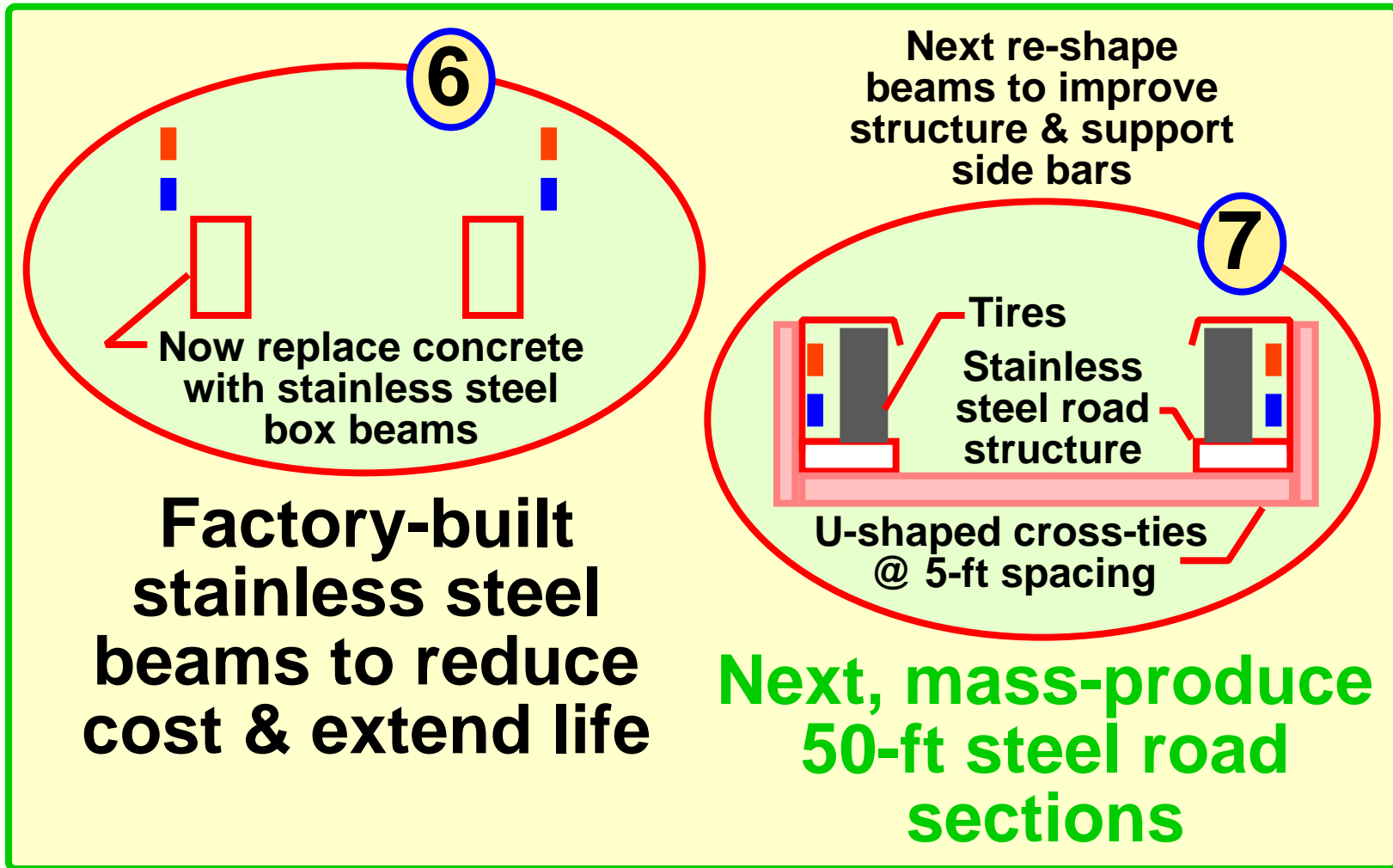


Cars can now run & remain on the two narrow highway strips

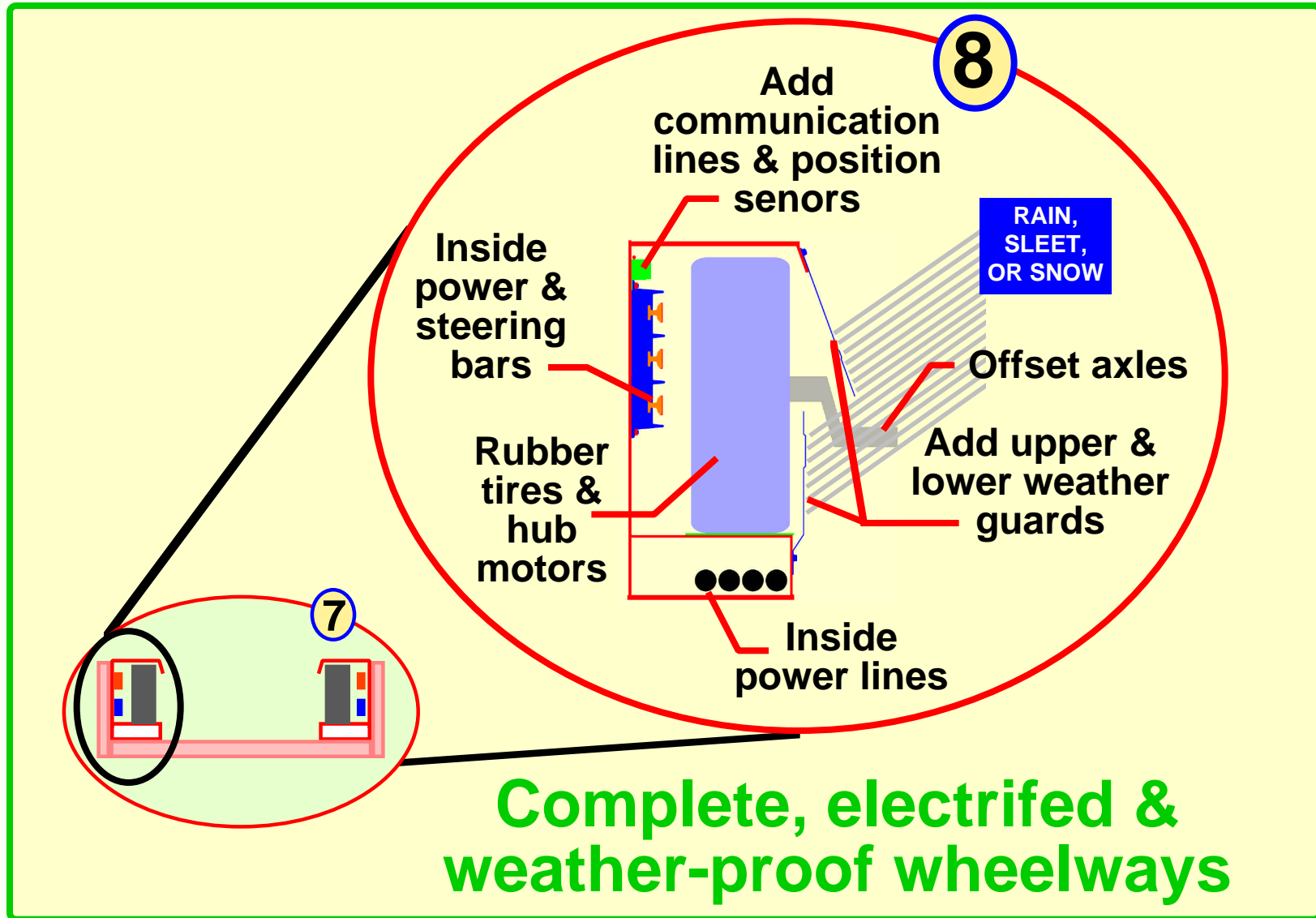
Steps 4 & 5 – Add Electric Buses & Shoes



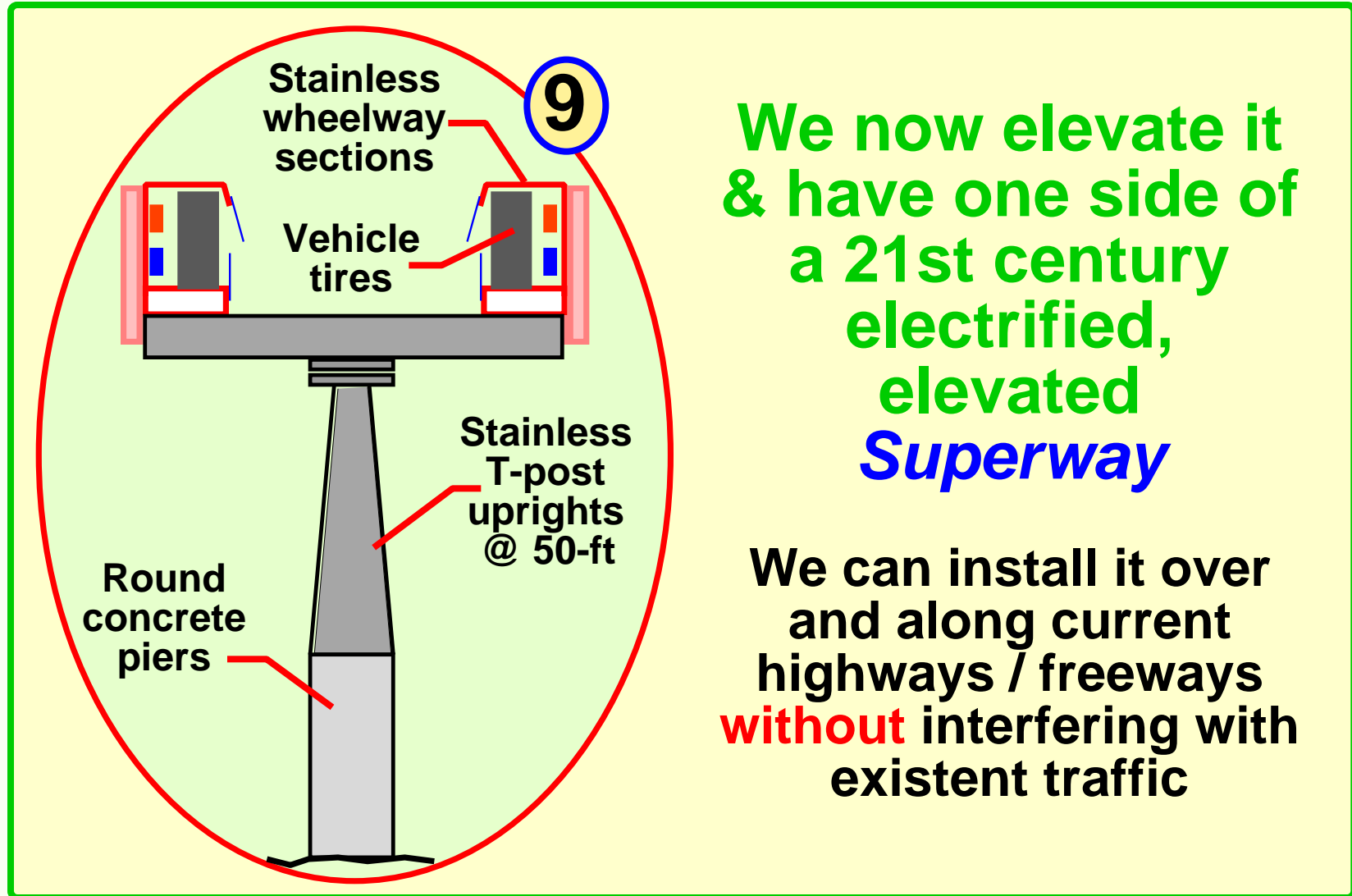
Steps 6 & 7– Replace Concrete with Steel



Step 8 – Weather-proof Road Wheelways

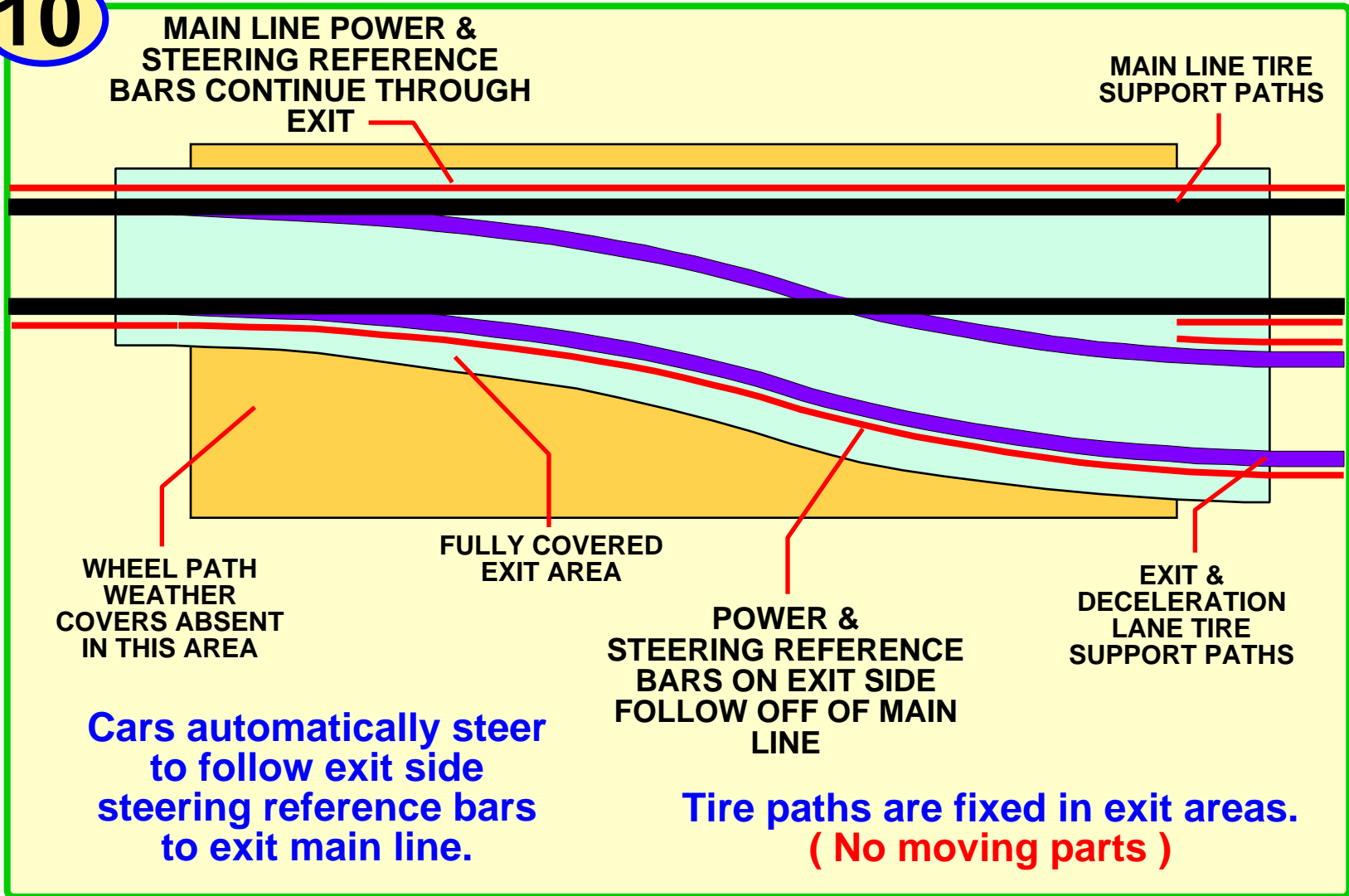


Step 9 – Elevate Factory-built Roadway

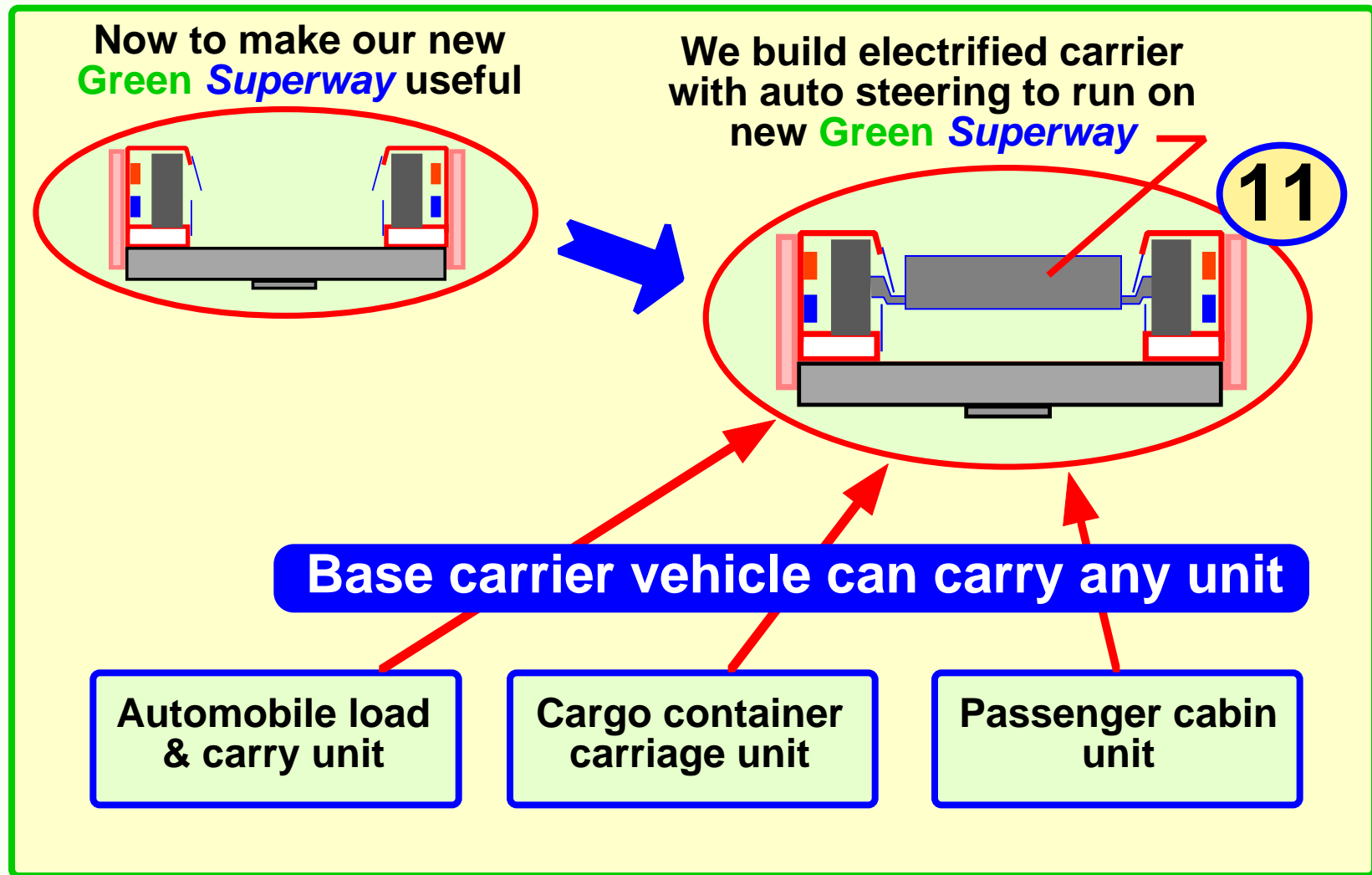


Step 10 – Add *Superway* Entry & Exit

10



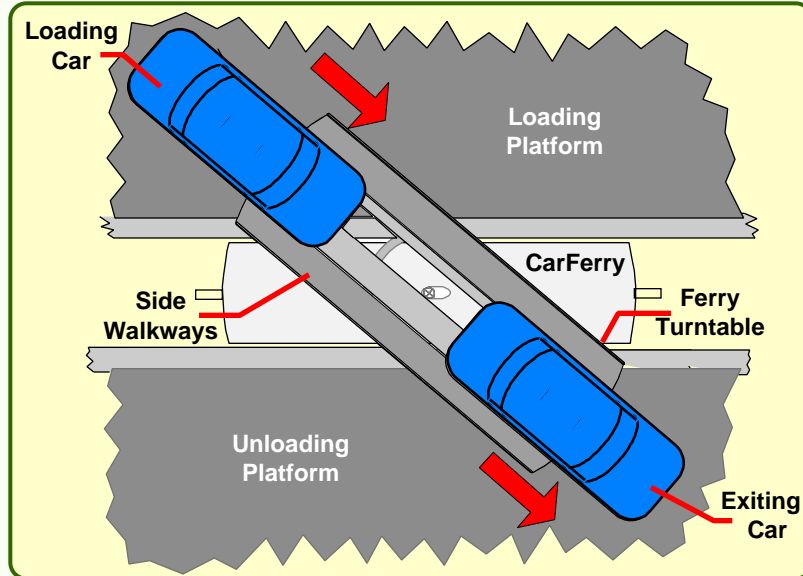
But we **Must Move Current** Cars & Cargo



CarFerries™ Load & Carry Today's Cars

1-min load & unload by car drivers at Superway ramps

CarFerries provide fast load & unload



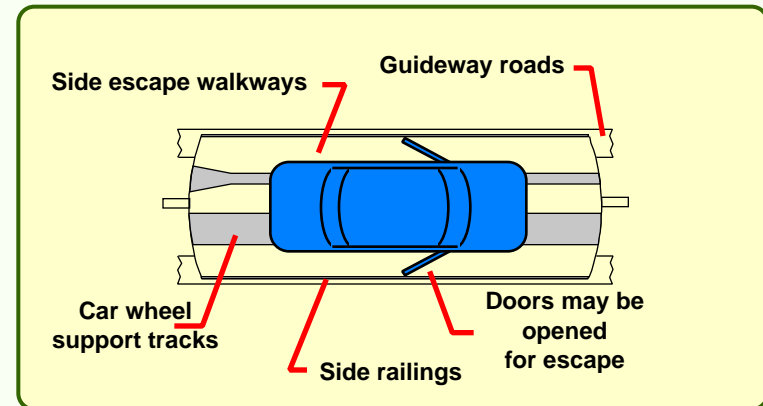
Car drivers drive their cars onto and off of ferries at ramps

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

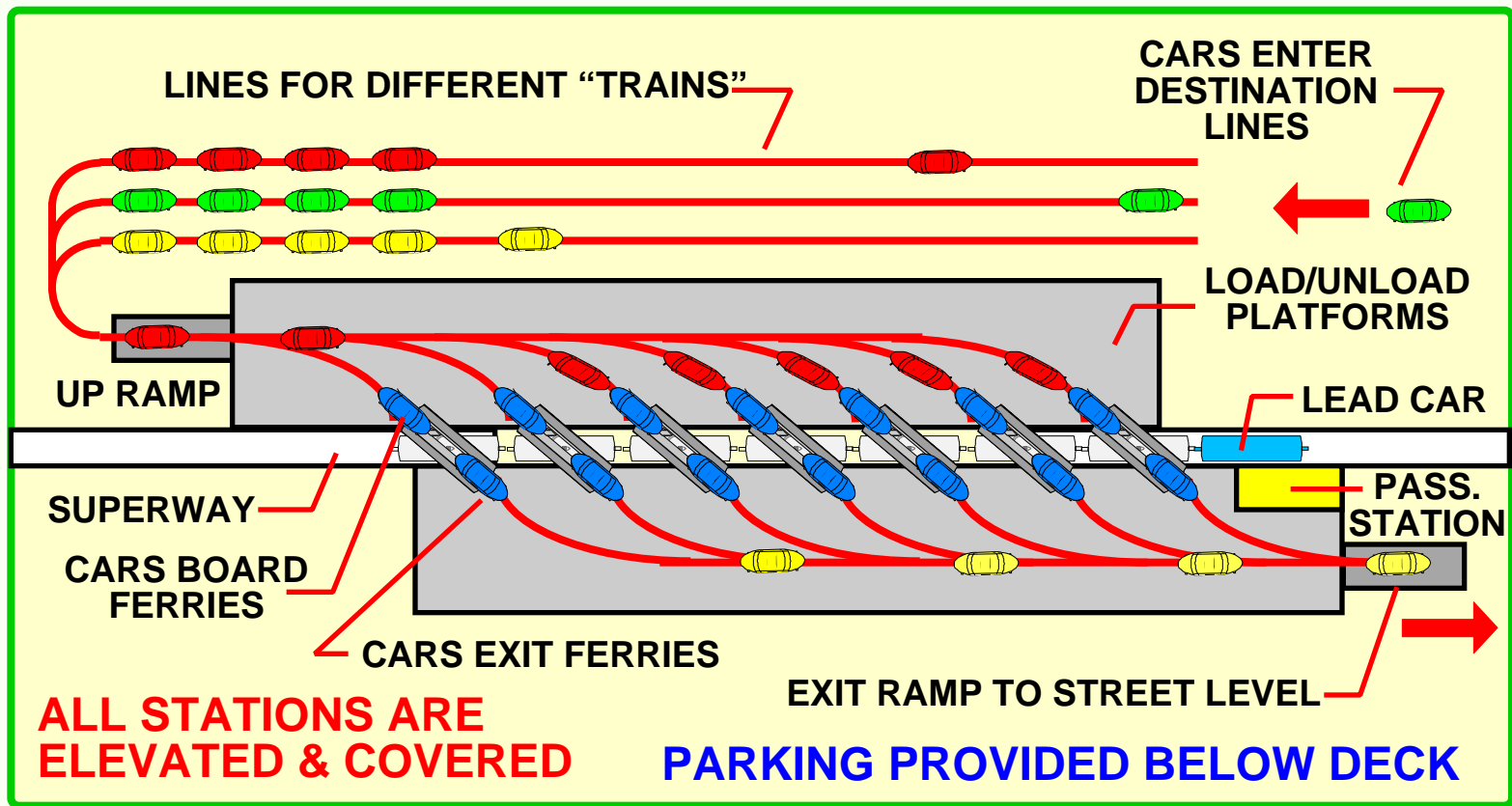


Ferry walkways enable passengers to access Superway center emergency walkways

Only system that can take cars off of the roads

Initial *Carliner*[™] “trains” carry cars & people

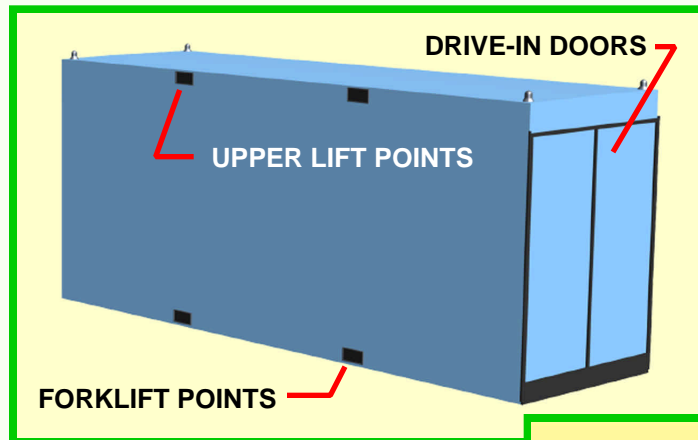
Carliner “trains,” shown at station below, used for current cars



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

Most Cargo Easily Fits in Shipping Modules

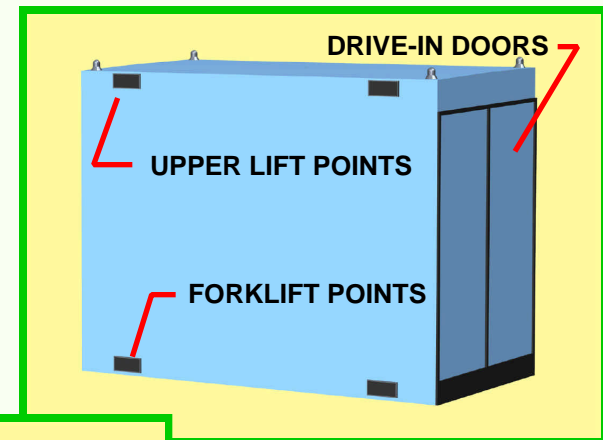
Load & unload with standard forklifts – Forklifts also move modules



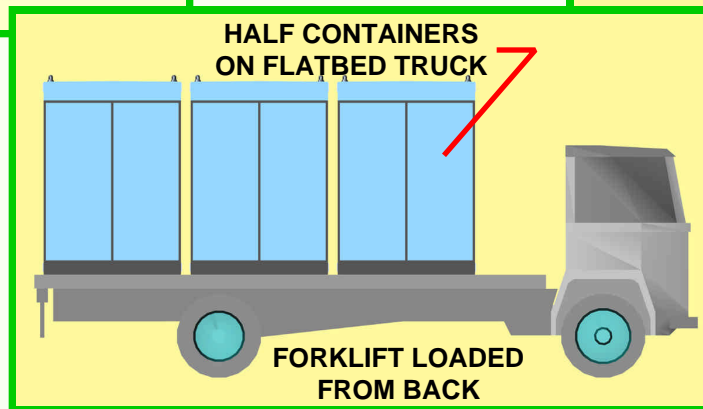
**Full containers
moved on cargo
carriers or
flatbed trucks**

**Minimum
cargo
handling**

**Forklift
compatible
modules**



**Half 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

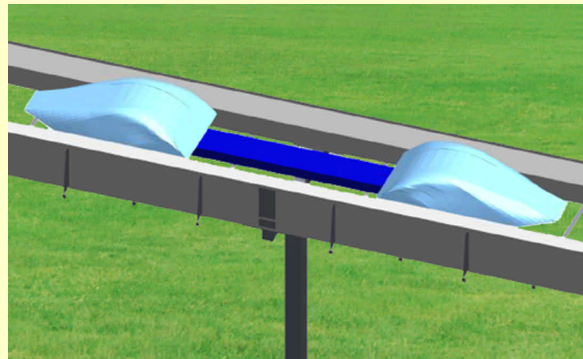


One full container



Two half containers

Carriers transport either full or half containers



Empty carrier end caps fold for minimum drag

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

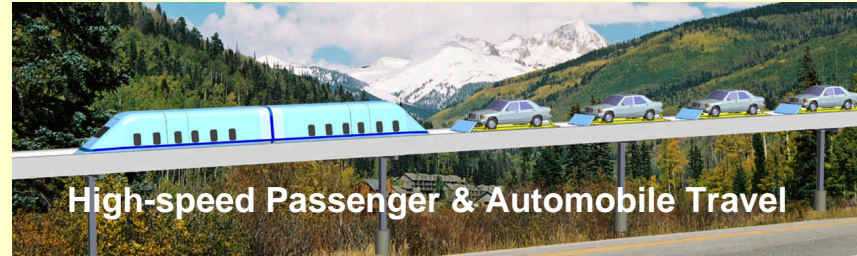
Major End Results

Current Freeways



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

Twenty-first Century *Superway*



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

Plus far Lower Initial & Maintenance Costs

And 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

New *Superway* Features

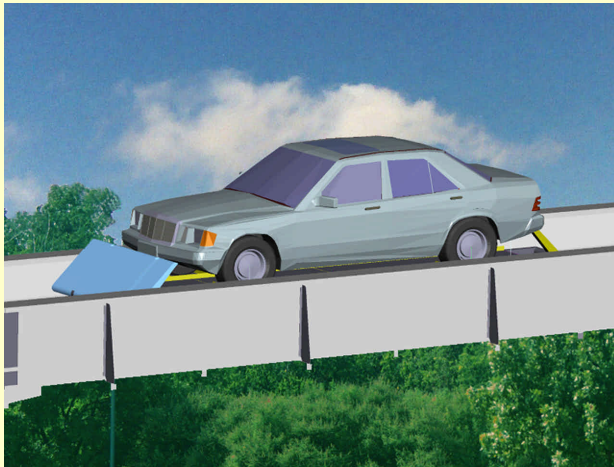
- Rubber-tired – but improved vehicles
- Stainless-steel road – Near **zero** maintenance
- Automatic steering – **Fail-safe** microcomputers
- Electrified road – Can **replace fossil fuel with electricity**
- Precise speed & position data – **Allow safe control**
- Weather-proof road – **Full-speed,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

***Superway* offers Great Benefits**

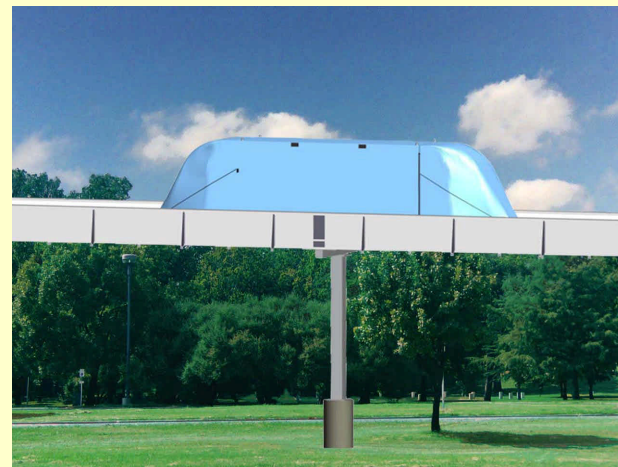
- **Automobiles** – Serves **both** current & advanced cars
- **Truck Cargo** – Moves most heavy box truck cargo **at 120-mph**
- **Driving** – **Ends driving tasks** – Fully automatic vehicles
- **Electricity becomes only fuel used**
- **No weather or traffic problems**
- **Accident-free travel** –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

Future Automated 120-mph Transport

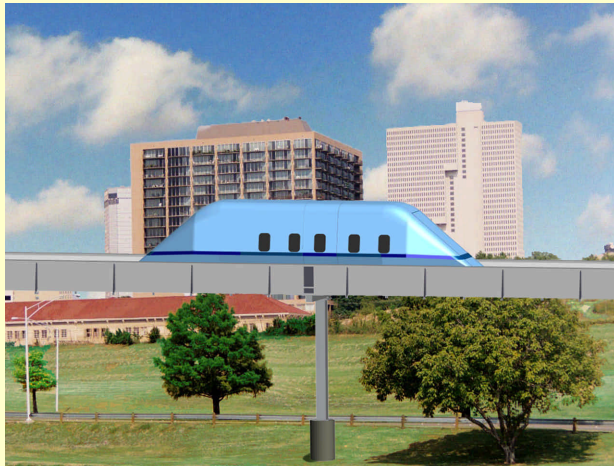
Four high-value *Superway* services



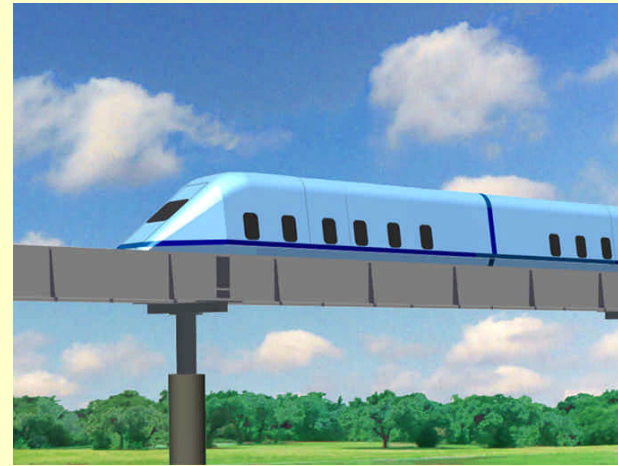
120-mph *CarFerry* service



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!
offers -

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

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