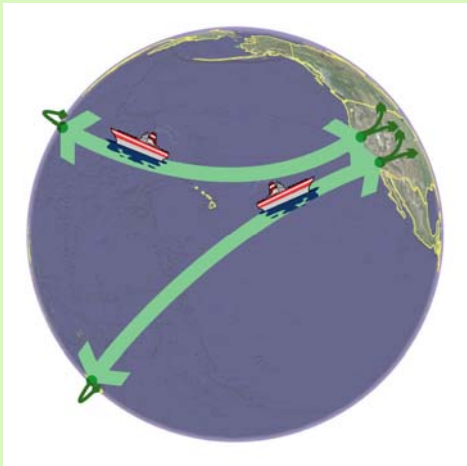


GREEN Freight Initiative

A new vision with new values and a new commitment



Global



Regional



Local Communities

Prepared by:

Southern California Leadership Council

LAEDC Center of Economic Development

AECOM – DMJM Harris - EDAW

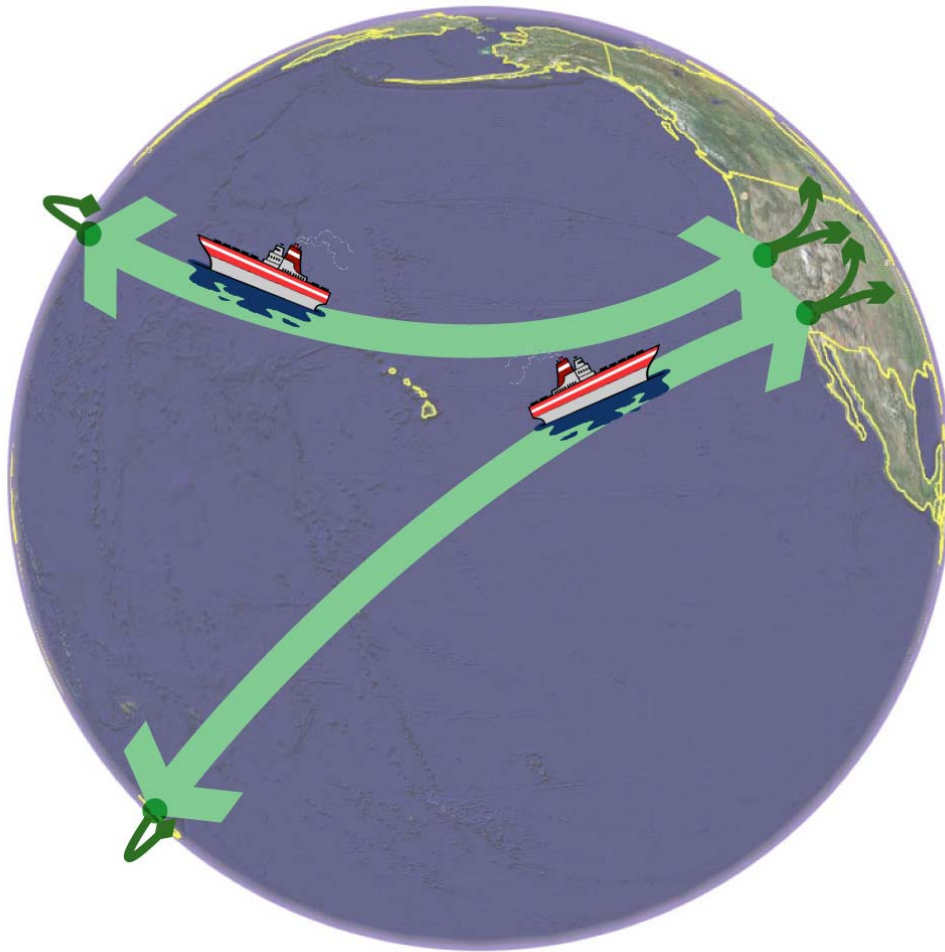
GREEN Freight Initiative

The Green Team

- A collaborative framework for facilitating the goals of an improved environment, economy, and equity of stakeholders from the union, public, private and non-profit sectors.

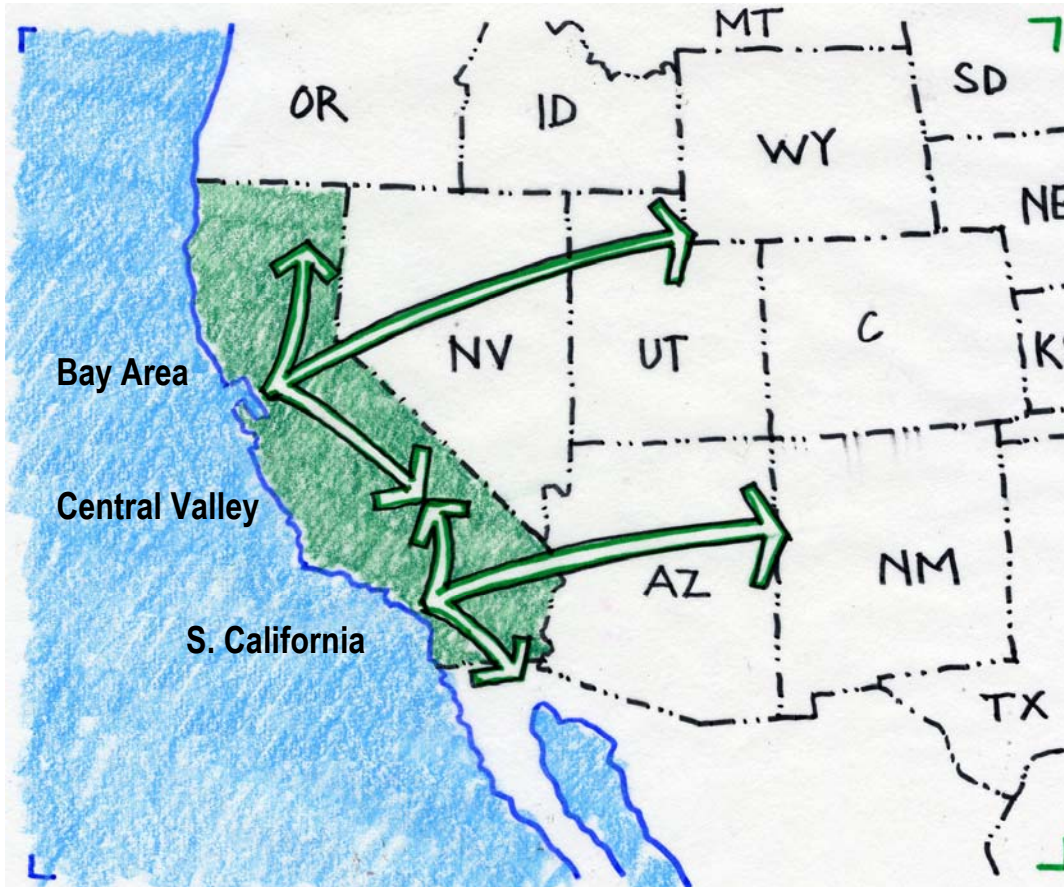
Improving the environment with a green freight initiative

- A new vision with new values and a new commitment
- A simultaneous and continuous approach to sustainable environments and infrastructure growth (freeways, railways, inland ports, gateways;.....)
- In support of the Governor's Goods Movement Action Plan



Green Waterways

- Develop strategies with our global partners to significantly reduce diesel pollution in our shipping lanes and ports.



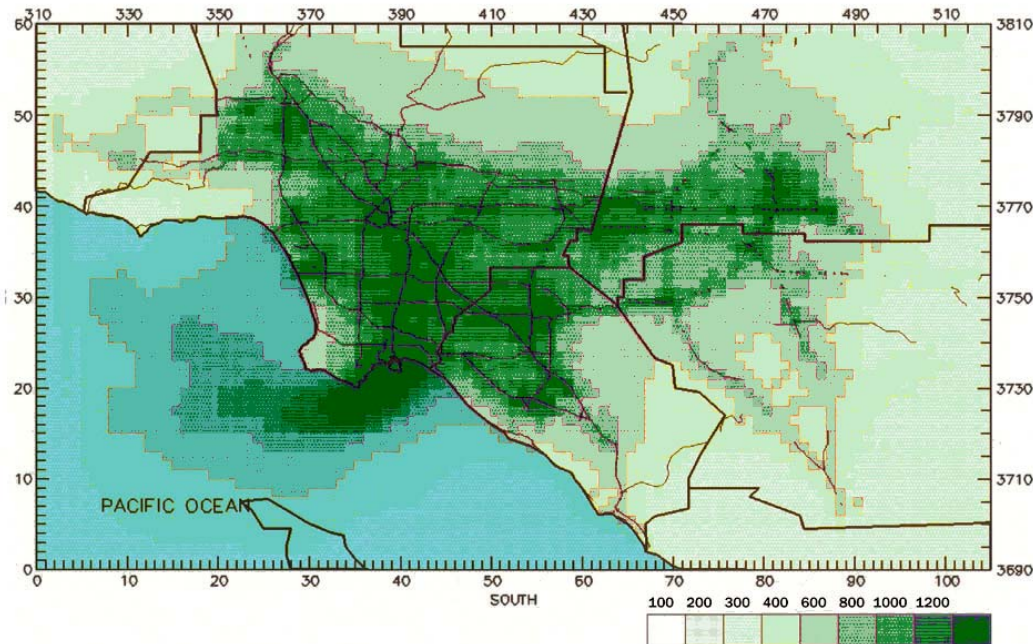
California Green Corridors - Highways and Rail Lines

- Implement a system of freight-related highways and railway corridors facilitating the use of clean engine technology and reduced diesel emissions.
- Implement sustainable design and enhanced community benefits.

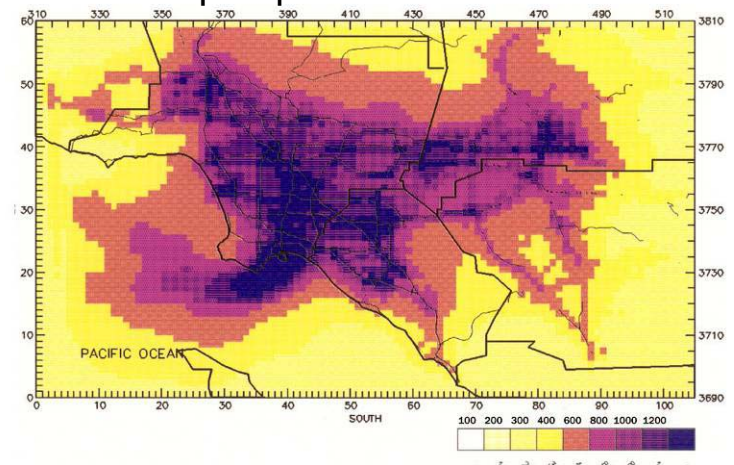
Green Corridors

- Develop strategies for interstate rail and roads that reduces diesel pollution across the region, improves quality of life, and grows jobs.
- Reduce potential health risks of stakeholders living around the corridors and gateways

Our Vision.....



Current perspective



Developing **green corridors** along freeways and railways as buffers for communities and recreational zones

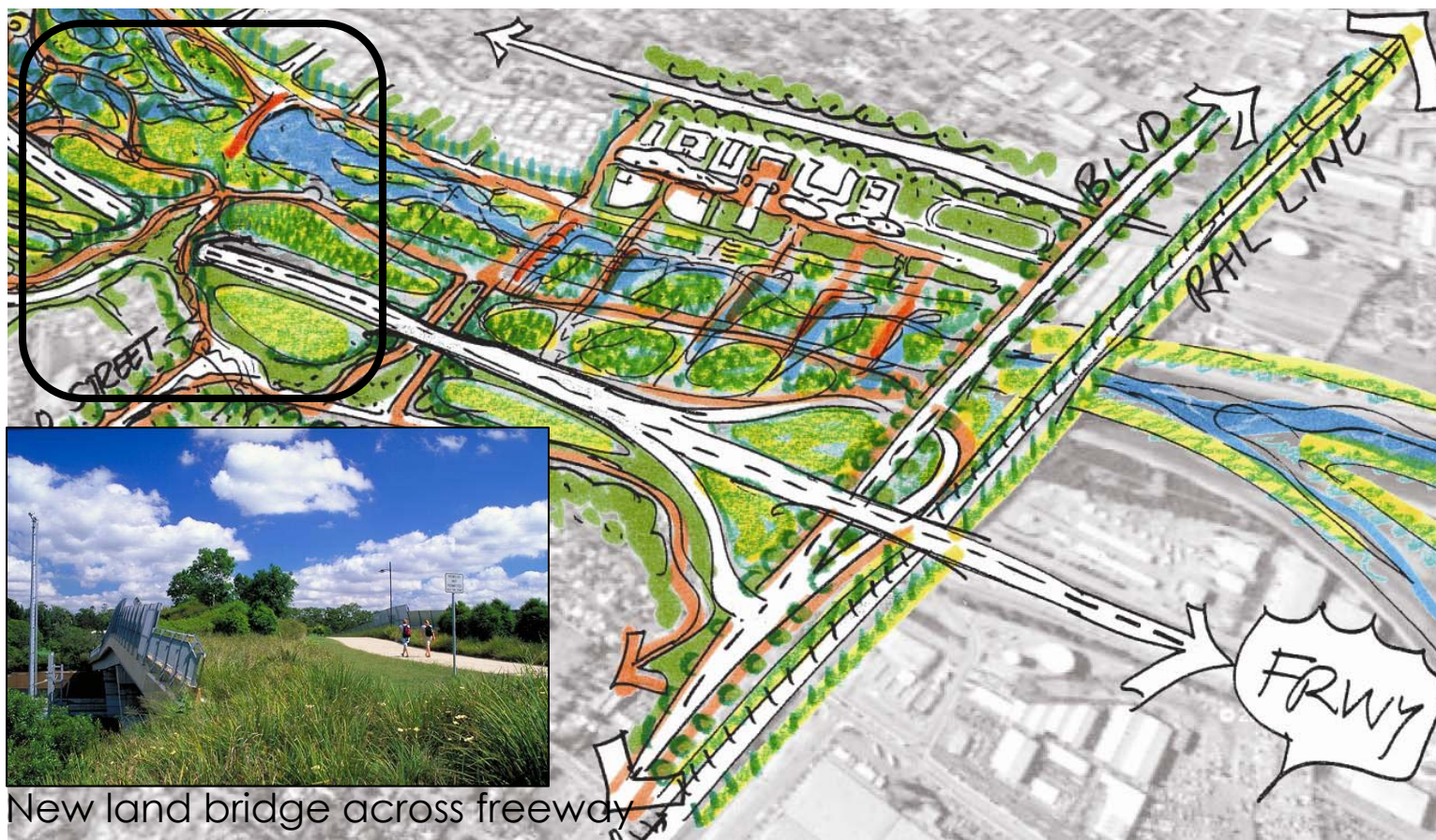


Our Vision



Current perspective

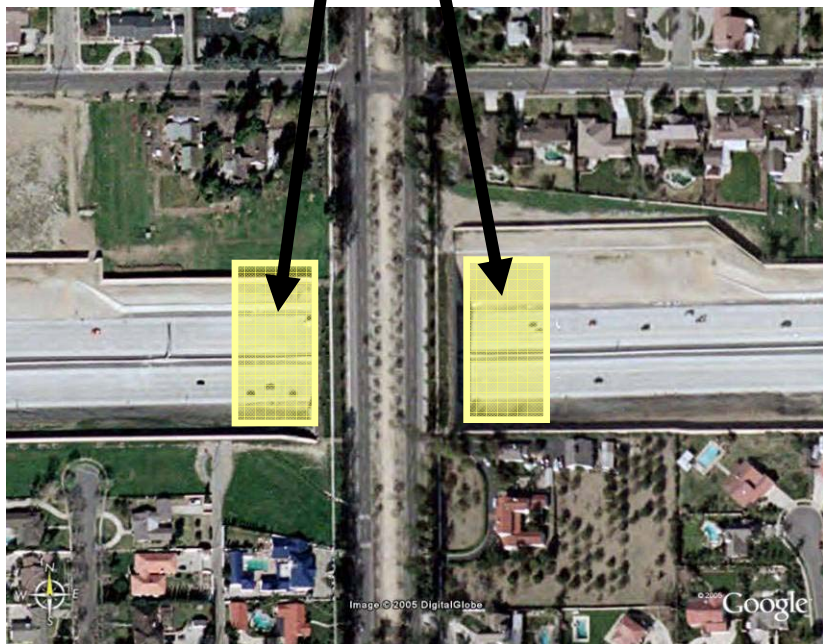
Developing **green land bridges** across freeways and railways as community linkages to regional trails and parks. Resolve multiple community issues by developing **wetlands** as corridor mitigation measures, storm water runoff, visual blight and habitat expansion



New land bridge across freeway

Building on existing infrastructure to enhance community livability, the environment, and create over one million middle class jobs thereby **maximizing economic opportunities.**

Future development sites



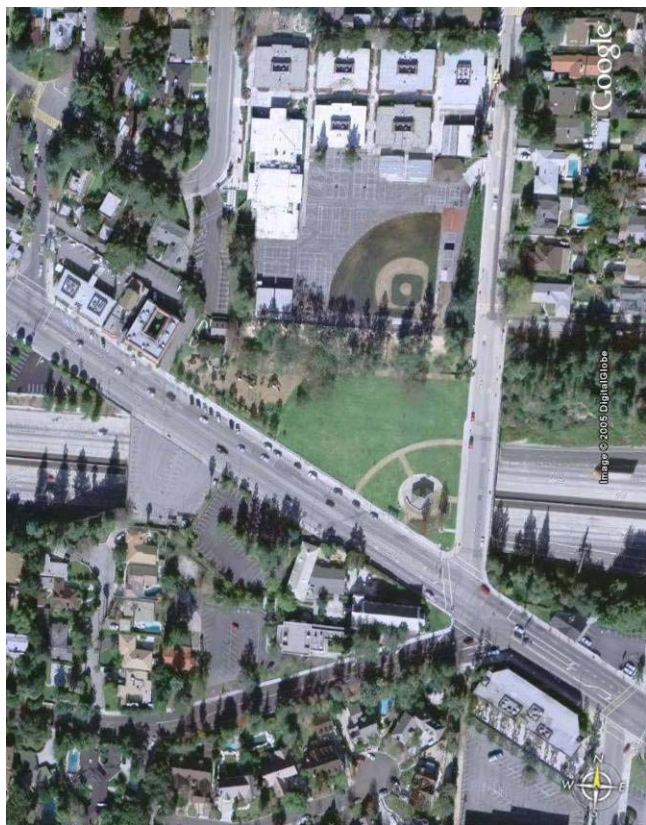
- Enhance local freeway overpasses as “land bridges”
- Partner with state and federal agencies to maximize the value of air rights for new development
- Reduce truck traffic in local neighborhoods
- Reduce noise and lighting pollution in communities adjacent to industrial areas

New Transit oriented development



Improving existing infrastructure to **maximize public benefit**

- Enhance local freeway overpasses as “land bridges”, public parks and amenities
- Partner with state and federal agencies to maximize the value of air rights for new parks and infrastructure
- Partner with community stakeholders to reflect local needs and ideas



Develop a **green freight corridor** security and environmental sensor network along freeways and railways to improve real time results.



- Create a multi level sensor network to manage the security and environmental systems.

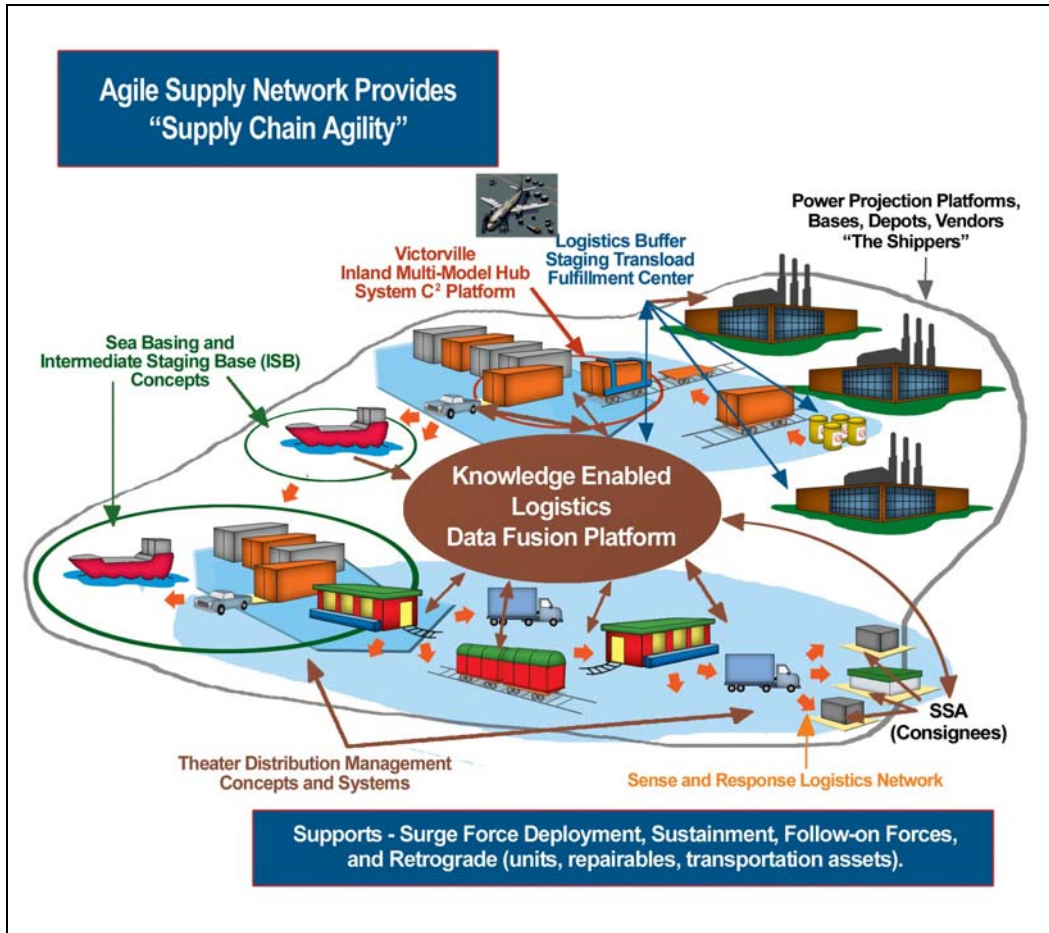
- Use information to reward better behavior and give priorities to green freight champions.

Connect data into joint inspection stations, CHP, County Emergency Centers, DOD at Camp Pendleton and NORTHCOM.

Developing CHP inspection stations and border crossings as **green gateways**
enhancing public safety and security



Develop a **green freight corridor** along freeways and railways to improve the supply chain and synchronize pick-up and delivery of local California imports and export and to flush out dockside and rail yards.



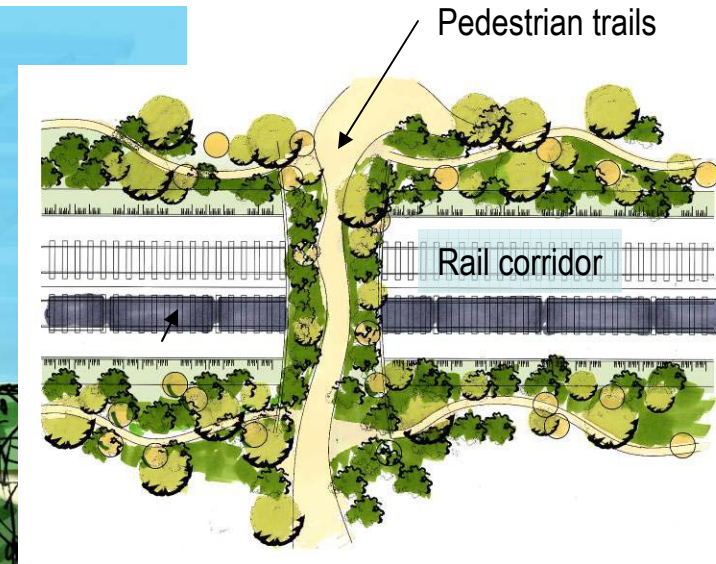
California Green Freight Corridors - Highways and Rail Lines

- Implement an agile system that helps improve the supply chain network and reduces congestion and pollution.

- Implement a container loading and unloading program for local California business.

Create a short haul rail system to flush out the system frequently.

- Develop safe pedestrian and bikeway crossings as **green enhancements** for public safety and security as well as nature trails.
- Create landscape as sound and visual buffers.



Plan – Typical Land bridge

Encouraging projects that **reduce congestion** on the freeways.

- Each **new freight train** will remove **280 trucks** from our freeways and provide spaces for an additional **750 cars**
- Providing opportunities to move more container traffic by rail than truck, and improve overall highway mobility

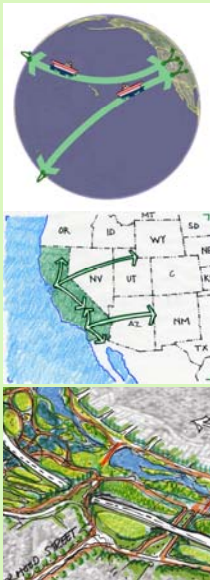


Develop Landscaped Buffers and safe pedestrian and bikeway crossings as **green enhancements** for public safety and security



GREEN Freight Initiative

A new vision with new values and a new commitment



While transportation funds should solve transportation problems, the tools for funding a Green Freight Initiative can include tax increment, air rights, vertical mixed use land, and bonds supported by community, environment, and business stakeholders.

This is the vision of our Green Freight Initiative for California.

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