FAQ

HOW COULD THIS PROJECT HELP YOU? HOW COULD THIS PROJECT HELP THE REGION?

• Problem: Truck traffic on freeways is a major concern that costs truck operators time and money.
  • Solution: This project will identify the technology applications that can save truck operators time and money by providing them and their dispatchers with real-time traffic information they need to avoid congestion hotspots.

• Problem: Information about delays at port terminal approaches is not always available to truck operators moving freight to and from the ports.
  • Solution: This project will look at technologies that can help provide accurate information about delays at the port gates.

• Problem: A lack of accurate real-time information for drayage operations can lead to expensive and wasteful dry-runs and unnecessary bobtails.
  • Solution: This project will focus on how to get drayage truck operators the information they need to improve their operations and track drayage equipment.

• Problem: Truck congestion on regional roadways leads to longer travel times, which increases the cost of doing business in the region.
  • Solution: Improvements such as better truck fleet communications and a centralized traffic management center can support truck operators in making better routing decisions, making it easier to avoid heavy traffic and get businesses their shipments on time. This greater efficiency can help the regional economy and will attract new business.

• Problem: Killing trucks and inefficient truck operations can lead to air pollution that impacts public health.
  • Solution: Most of the tasks in this project are focused on improving the efficiency of truck movements in the region. More efficient truck movements will not only save time and money for truck operators, it will also reduce emissions.

• Problem: Trucker enforcement is not always available to truck operators moving freight to and from the ports.
  • Solution: This project will look at technologies that can help provide accurate information about delays at the port gates.

• Problem: Convenience parking facilities with a sufficient number of truck parking spaces are needed to keep roads safe and to reduce traffic.
  • Solution: This project will result in better information about truck parking for truck operators and may lead to more and better truck parking opportunities in the region.

• Problem: A lack of accurate real-time information for drayage operations can lead to expensive and wasteful dry-runs and unnecessary bobtails.
  • Solution: This project will focus on how to get drayage truck operators the information they need to improve their operations and track drayage equipment.

GATEWAY CITIES TECHNOLOGY PLAN FOR GOODS MOVEMENT

“Technology Helping Goods Move Efficiently”

TECHNOLOGY APPLICATIONS support greater safety and efficiency in moving people and goods on our highways, railroads, waterways and ports. Some useful applications include real-time traveler information-sharing and use of advanced communications for vehicles and transportation infrastructure.

The Gateway Cities Technology Plan for Goods Movement will provide a blueprint for an end-to-end information support system that can improve the efficiency of goods movement in Southern California through the integration of traditional real-time road and traveler information technologies, along with intermodal freight, port and truck technologies. This Plan is being developed by the Gateway Cities Council of Governments and the Los Angeles County Metropolitan Transportation Authority with input from the Ports of Long Beach and Los Angeles, Caltrans, and many other key stakeholders.

THE GATEWAY CITIES TECHNOLOGY PLAN FOR GOODS MOVEMENT WILL INCLUDE:

• Detailed research on the latest applicable trends, practices and regional priorities in technology applications for goods movement and other transportation needs;

• Feasibility studies of several project areas for new and expanded technology applications for Gateway Cities identified by the 2008 ITS Integration Plan for Goods Movement (the earlier phase of this project);

• Exploration of technologies supporting emerging alternatives for I-710 corridor improvements; and

• A detailed concept of operations and a business plan to ensure that real-world projects for implementation are the outcome of the Plan.

For more information or to learn how you can get involved, please contact either:

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Data Collection
Freeway detectors will identify congested areas and traffic incidents.

Data Collection
Arterial roadways will be monitored to identify congestion and improve performance.

Data Collection
Moving trucks will be a source of speed and traffic condition data.

Data Collection
Long lines of trucks waiting to enter terminals will be detected and shared to help drivers avoid delays.

Transportation Management
A traffic management center will collect the data and keep the system moving.

A Concept of Operations to Bring All the Projects Together
All of the identified technology projects will be wrapped into one comprehensive concept of operations and business plan. This plan will ensure that real-world projects for implementation are the result of this multimodal planning effort. These products will be developed in close coordination with Southern California stakeholders.

Traveler Info Sharing
A traveler information sharing program with trucks will improve safety and efficiency.

Traveler Info Sharing
Enhanced real-time information will be provided via roadside electronic message boards.

Traveler Info Sharing
Traveler info will be shared in ways to prevent driver distraction.

I-710 Applications
Long-range technologies such as automated and zero emissions trucks will be explored.

I-710 Applications
Future infrastructure pricing strategies such as linking truck lanes will be evaluated.

I-710 Applications
A port scheduling system may boost efficiency.

Truck Operations
Adding truck parking capacity will improve safety and efficiency while providing other opportunities such as transit connection sites.

Truck Operations
Enforcing weight and safety measures at truck enforcement facilities and through weigh-in-motion technologies will improve safety, reduce impacts on local communities, and save money.

The Gateway Cities Technology Plan for Goods Movement is developing several technology applications and operations improvements to move goods safely and efficiently in and out of the region. These projects were identified as part of the ITS Integration Plan for Goods Movement with the support of a Southern California ITS Working Group. With solutions like these in place to address the growing demand for Southern California goods movements, the region will see less congested roadways, cleaner air, and more capacity for economic growth.