

## Previous Study

# “Gateway Cities ITS Integration Plan for Goods Movement Study”

Completed in 2008

## Summary

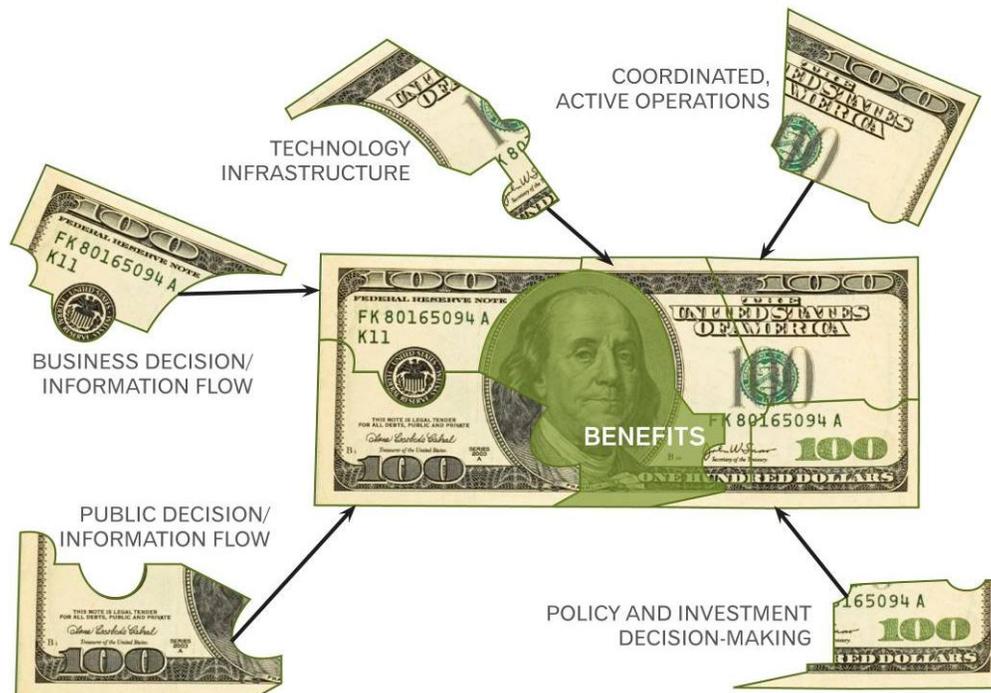
### Project Background

The 2008 ITS Integration Plan identified the intelligent transportation system (ITS) needs of the Gateway Cities and Southern California as well as several projects to improve goods movement. This ground-breaking project represented a significant fusion of ITS and freight operations technologies. This was achieved through a dedicated public and private sectors (ITS Working Group) that developed sustainable solutions. The Plan was initiated by Gateway Cities Council of Governments (GCCOG) in partnership with Caltrans and the Federal Highway Administration (FHWA).

*Update: The next phase of the ITS Integration Plan is underway, led by the Gateway Cities, Los Angeles County Metropolitan Transportation Authority (LAMTA), Caltrans, and FHWA. This new phase is titled the Gateway Cities Technology Plan for Goods Movement and will build upon the work completed for the ITS Integration Plan.*

### Project Findings

The ITS Integration Plan identified significant benefits that can be realized if a coordinated, partnership approach is taken on ITS solutions to improve goods movement. The Figure below highlights the elements that can combine to create benefits greater than the individual inputs.



The ITS Integration Plan identified fourteen projects that have the potential to address the region's needs and improve goods movement. Each of these projects addresses the fundamental objectives of the proposed ITS program: filling infrastructure gaps; generating arterial travel information; collecting better truck data; providing more freight-focused traveler information; improving drayage turnaround times; considering a comprehensive goods movement scheduling system; and developing a strategy for truck safety and credentialing. The goal is safer and more efficient and safer goods movement using transportation technology.

The projects identified include:

1. Freeway Detection Infrastructure
2. Arterial Infrastructure
3. Arterial Travel Times
4. Queue Detection And Terminal Turn Times
5. Goods Movement Transportation Management
6. Truck Fleet Communications Program
7. Comprehensive Performance Monitoring System
8. Existing Sources – Truck Fleet Data Collection And Agreements
9. Port Reverse 911 Emergency Notification Call System
10. Comprehensive Goods Movement Scheduling System (Container Tracking)
11. Truck Parking Coordination
12. Vehicle Enforcement Strategies, Systems and Sites Study
13. Congestion Pricing Initiatives
14. Integration And Policy Task Force

*Update: These projects represent the core components of the Gateway Cities Technology Plan for Goods Movement. While there has been some restructuring of these projects to reflect the recent evolutions of technology and stakeholder needs, each project will be studied to generate real-world implementable solutions to improve the safety and efficiency of goods movement in the region.*

### **Stakeholder Involvement**

An ITS Working Group was formed for the ITS Integration Plan which included transportation and freight industry stakeholders in the Gateway Cities region from the public and private sectors. Public-sector stakeholders included Federal, state, and local governments, as well as regional metropolitan planning commissions. The public sector group also included ports, commissions, and coalitions. The private sector was represented by a variety of terminal operators, drayage operators, Class I and short line rail lines, and other private transportation and goods movement organizations and associations. This ITS Working Group provided essential support throughout the Plan, ensuring that the projects identified reflected the real needs of both the public and private sectors in the region.

*Update: An ITS Working Group is again being assembled to support the new phase of this plan. The regional input that you will provide is critical in achieving the goals of these 14 projects.*