

What is FRATIS?



- An effective travel demand management system currently focused on trucks
- Uses traveler information systems to address specific freight needs
- Integrates various data sources:
 - 3rd Party Data for wait times at Ports
 - 511 for incident alerts and traffic
 - Caltrans/CHP road closures and restrictions
- Communication channel between truck operators, Ports dispatch, freight dispatch, and others.

Benefits



- Manages truck traffic on freeways and arterials
- Improves flow of containers to and from the Distribution Centers
- Reduces turn time and waiting time at the Ports
- Improves fleet and driver utilization
- Increases the rate of on-time arrivals for appointments
- Improves productivity and efficiency of operations
- Reduces idling/congestion related air quality impacts



Metro

Benefits to I-710



- Supplements capacity enhancements and operational improvement projects in the I-710 Corridor
- Addresses existing and projected truck traffic volumes
- Alleviates congestion on mainline and adjacent roads
- Contributes to air quality and public health improvements in the I-710 Corridor

This Project



Metro

- Four-year Project
- FRATIS enhancements and modernization
- Stakeholder Engagement to determine user needs and requirements
- Deployment of 500 Trucks
- Connected Vehicle Applications Exploration
- Coordination with I-710 Improvement Projects
- Coordination with FHWA, Caltrans, and Local Stakeholders

Activities to Date

- Expedited Schedule with FHWA and Caltrans for Project Approvals and Procurement
- Cooperative Agreement has been executed with FHWA and Caltrans in December 2017
- RFP was released in December 2017
- Authorization to Proceed (E-76) issued by FHWA and Caltrans in March 2018