Freight Advanced Traveler Information Systems (FRATIS)



HOW COULD THIS HELP?

Optimizes freight drayage operations

TRANSPORTATION NEEDS ADDRESSED



SOLUTION IMPROVEMENTS

Unoptimized Drayage Operations

SOLUTION PITFALLS

equiped

HOW DOES THIS WORK?

- FRATIS provides a specialized output interface to public sector agencies that will provide open-source data collected in the FRATIS system, such as sanitized route, speed, congestion, and alternate route selection information.
- This information supports public sector freight planners and other public agencies in assessing both the needs and impacts of truck traffic in a metropolitan region (e.g., air quality reductions due to FRATIS applications, assessment of the best alternate routes

INVESTMENT

\$52,000

+ V2X ROADSIDE UNIT COST PER MILE-FREEWAYS

+ V2X ROADSIDE UNIT COST PER INTERSECTION-SIGNALIZED CORRIDORS

\$26,000

+ V2X SIGNAL CONTROLLER COST PER INTERSECTION-SIGNALIZED CORRIDORS

\$10,000

+ FIBER OPTICS COST PER MILE

\$158,000

any questions or comments.

STATE HIGHWAY ADMINISTRATION

Infrastructure and freight vehicle must be V2I

application development

Requires software

Disclaimer: all content is for planning

purposes only and published as of Summer 2020. Contact the author at

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