How Could This Help?

- Optimizes freight drayage operations

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

- + V2X Roadside Unit Cost per Mile-Freeways
  - $52,000
- + 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

Disclaimer: all content is for planning purposes only and published as of Summer 2020. Contact the author at shacav@mdot.maryland.gov with any questions or comments.