

Connection Protection (T-CONNECT)



TRANSPORTATION NEEDS ADDRESSED



MOBILITY

HOW COULD THIS HELP?

- ✓ Improves the probability of successful transit transfers

HOW DOES THIS WORK?

- ✓ An application enables coordination among public transportation providers and travelers to improve the probability of successful transit transfers.

SOLUTION IMPROVEMENTS

- ✓ Unoptimized transit operations

SOLUTION PITFALLS

- ✓ Infrastructure and vehicle must be V2I equipped

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.

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